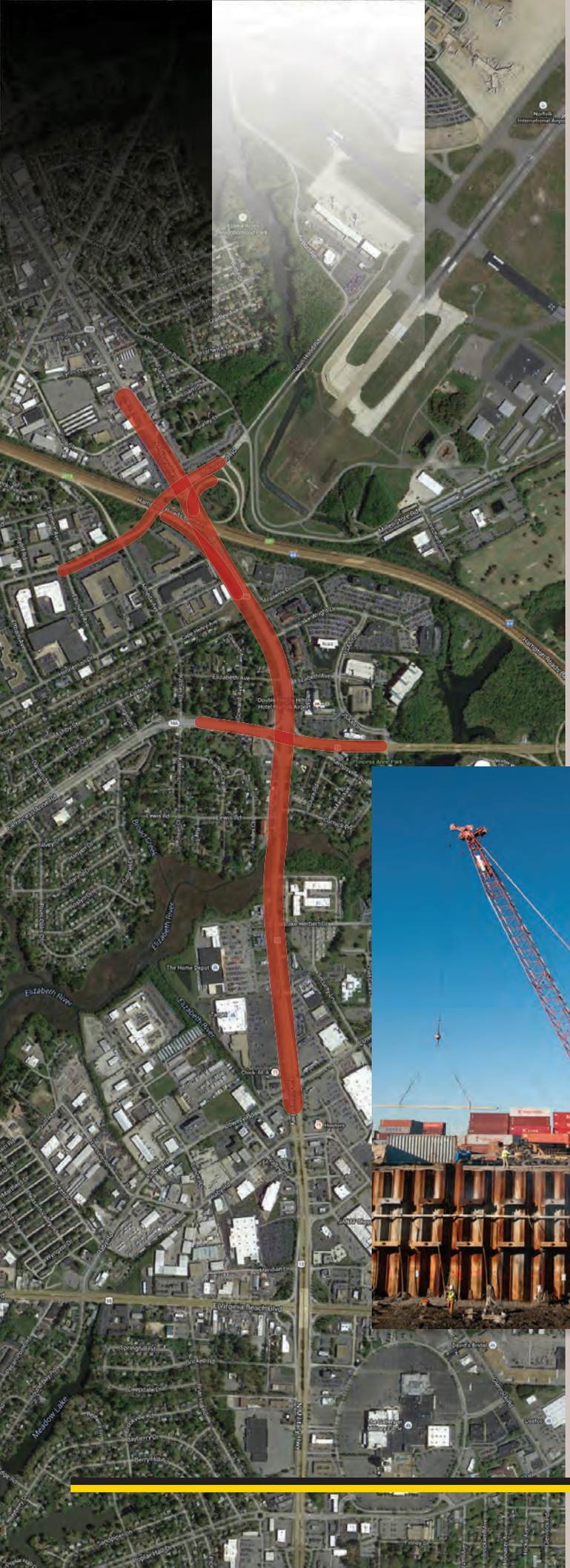


VDOT
Virginia Department of Transportation

Letter of Submittal and Attachments Volume I

A DESIGN-BUILD PROJECT

Military Highway Continuous Flow Intersection

From: 0.023 Miles South of Lowery Rd.

To: 0.230 Miles North of Interstate 64

Norfolk, Virginia

State Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

Federal Project No.: STP-5A03 (755)

Contract ID Number: C00001765DB81

Date: July 27, 2015

ALLAN MYERS Kimley»Horn rda

4.0.1.1
LOS Checklist

ALLAN MYERS

Kimley»Horn

rda

ATTACHMENT 4.0.1.1

Military Highway Continuous Flow Intersection

LETTER OF SUBMITTAL AND ATTACHMENTS CHECKLIST

Offerors shall furnish a copy of this Technical Proposal Checklist, with the page references added, with the Technical Proposal.

Technical Proposal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
Letter of Submittal and Attachments Checklist	Attachment 4.0.1.1	Section 4.0.1.1	Tab 4.0.1.1
Acknowledgement of RFP, Revisions, and/or Addenda	Attachment 3.6 (Form C-78-RFP)	Sections 3.6, 4.0.1.1	Tab 3.6
Letter of Submittal	NA	Sections 4.1	1 - 2
Letter of Submittal on Offeror's letterhead	NA	Section 4.1.1	1 - 2
Offeror's official representative information	NA	Section 4.1.1	1 - 2
Authorized representative's original signature	NA	Section 4.1.1	2
Declaration of intent	NA	Section 4.1.2	1
120 day declaration	NA	Section 4.1.3	1
Principal Officer information	NA	Section 4.1.5	2
Final Completion Date	NA	Section 4.1.6	2
Proposal Payment Agreement or Waiver of Proposal Payment	Attachment 9.3.1 or 9.3.2	Section 4.1.7	Appendix Tab 4.1.7
Certification Regarding Debarment Forms	Attachment 11.8.6(a) Attachment 11.8.6(b)	Section 4.1.8	Appendix Tab 4.1.8
Offeror's Qualifications	NA	Section 4.2	3 - 8
Confirmation that the information provided in the SOQ submittal remains true and accurate or indicates that any requested changes were previously approved by VDOT	NA	Section 4.2.1	3

ATTACHMENT 4.0.1.1

Military Highway Continuous Flow Intersection

LETTER OF SUBMITTAL AND ATTACHMENTS CHECKLIST

Technical Proposal Component	Form (if any)	RFP Part 1 Cross Reference	Page Reference
Organizational chart with any updates since the SOQ submittal clearly identified	NA	Section 4.2.1	6
Revised narrative when organizational chart includes updates since the SOQ submittal	NA	Section 4.2.1	3 - 8
Conceptual Roadway Plans-Plan View	NA	Section 4.2.2	Volume II Tab 4.2.2 RPV
Conceptual Roadway Plans-Typical Sections	NA	Section 4.2.2	Volume II Tab 4.2.2 RTS
Disadvantaged Business Enterprises (DBE)	NA	Section 4.1.9	Volume I
Written statement of percent DBE participation	NA	Section 4.1.9	2
Proposal Schedule	NA	Section 4.2.3	Volume I & II
Proposal Schedule	NA	Section 4.2.3	Volume II Tab 4.2.3
Proposal Schedule Narrative	NA	Section 4.2.3	9 - 21
Proposal Schedule in electronic format (CD-ROM)	NA	Section 4.2.3	CD included, inside front cover page Volume I

3.6
Form C-78 RFP

Form C-78-RFP

ATTACHMENT 3.6

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

RFP NO. C00001765DB81

PROJECT NO.: 0165-122-V04

ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.6, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of April 17, 2015 – RFP
   (Date)
2. Cover letter of July 2, 2015- Addendum #1
   (Date)
3. Cover letter of July 13, 2015- Addendum #2
   (Date)
4. Cover letter of July 22, 2015- Addendum #3
   (Date)

SIGNATURE

July 23, 2015
DATE

Aaron T. Myers
PRINTED NAME

Vice President/General Manager
TITLE

4.1
Letter of Submittal

ALLAN MYERS

Kimley»Horn

rda

July 27, 2015

Bryan W. Stevenson, P.E.
Alternative Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219

Letter of Submittal and Attachments:
Military Highway Continuous Flow Intersection
From: 0.023 Miles South of Lowery Road
To: 0.230 Miles North of Interstate 64
State Project No.: 0013-122-V03, 0165-122-V04 & 181
Contract ID Number: C00001765DB81

Dear Mr. Bryan Stevenson:

Allan Myers VA, Inc. (Myers), Kimley-Horn and Associates, Inc. (KHA), and Rinker Design Associates (RDA), herein referred to as the Myers Team, are pleased to present our Letter of Submittal (LOS) and LOS Attachments to the Virginia Department of Transportation (VDOT) for the Military Highway Continuous Flow Intersection Design-Build Project (the Project). This LOS has been prepared in accordance with Section 4.1 of Part I, Addendum #3, dated July 22, 2015 while Attachments to the LOS, as described in Section 4.2 of same are included herein, as appropriate.

SUBMITTAL REQUIREMENTS

The Myers Team presents the following information as required by Section 4.1 of the Request for Proposals:

4.1.1 The full legal name and address of Allen Myers VA, Inc. (Myers) is as follows:

Allan Myers VA, Inc., 301 Concourse Boulevard, Suite 300, Glen Allen, VA 23059

4.1.2 Allan Myers VA, Inc. (Myers) intends to enter into a contract with VDOT for the Military Highway Continuous Flow Intersection in accordance with the terms of the RFP.

4.1.3 The offer represented by the Proposal will remain in full force and effect for one hundred twenty (120) days after the date the Letter of Submittal and Attachments is submitted to VDOT on July 27, 2015.

4.1.4 Ed Hilferty will serve as our Design-Build Project Manager and primary point of contact with VDOT. His contact information is as follows:

Ed Hilferty, Design-Build Project Manager
301 Concourse Boulevard, Suite 300
Glen Allen, VA 2305 ed.hilferty@allanmyers.com

610-587- 2160 (Telephone)
610-222-3321 (Fax)

4.1.5 Vice President/General Manager, Aaron Myers is the Principal Officer for Allan Myers VA, Inc. His contact information is as follows:

Aaron Myers, Vice President/General Manager (804) 290-8500 (Telephone)
301 Concourse Boulevard, Suite 300 (804) 418-7935 (Fax)
Glen Allen, VA 23059 aaron.myers@allanmyers.com

4.1.6 The Myers Team proposes a Final Project Completion Date of May 1, 2018.

4.1.7 Myers has included an executed Proposal Payment Agreement (Attachment 9.3.1) which is included in Appendix 4.1.7.

4.1.8 Executed Certification Regarding Debarment Forms are included in Appendix 4.1.8.

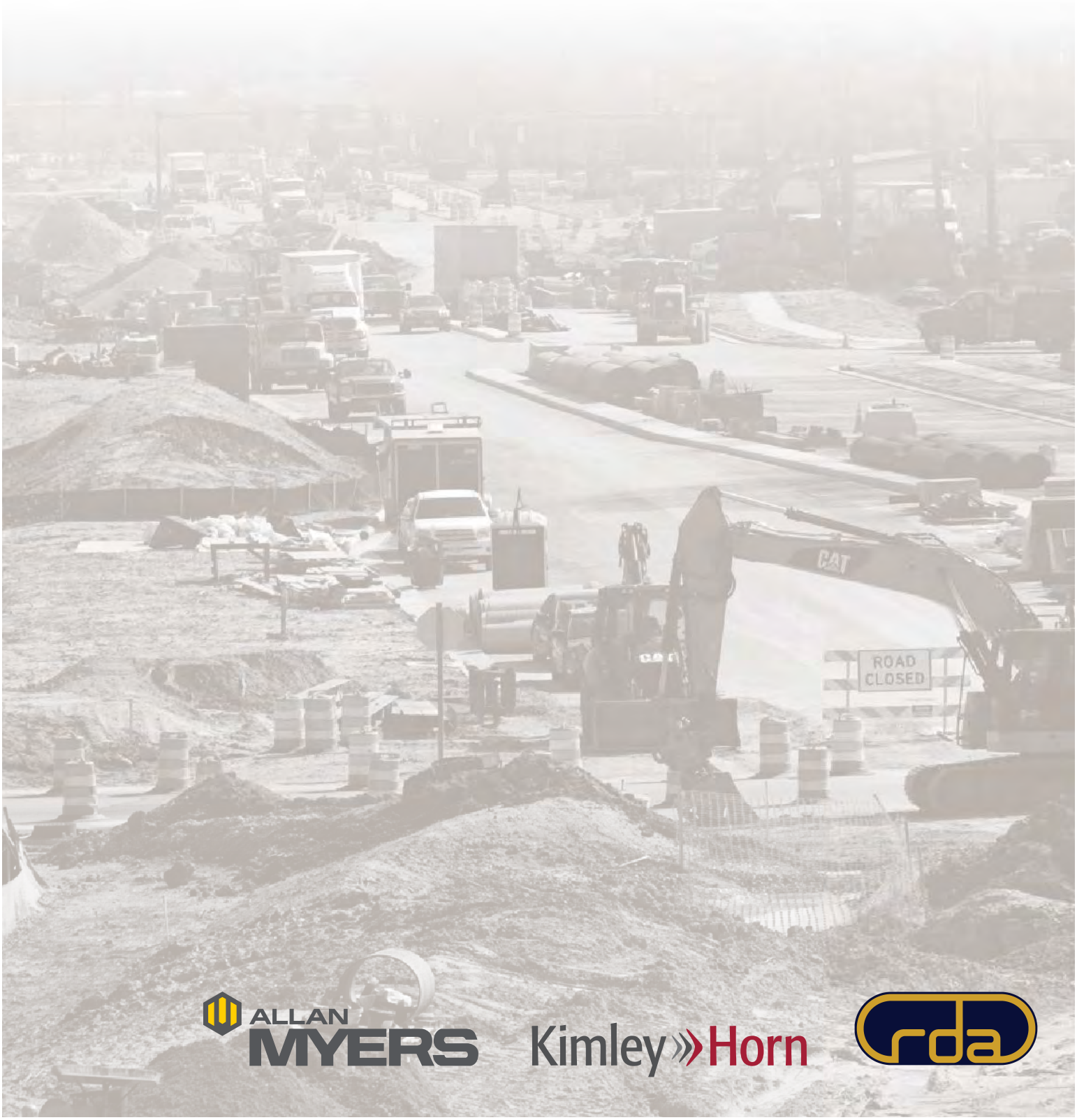
4.1.9 Allan Myers will achieve the 12% DBE participation goal for the Project. The Myers Team consistently meets DBE goals and has met the DBE goal on our completed design-build projects in Virginia.

We appreciate your consideration of our Letter of Submittal and Attachments and trust you will find that our proposal is in alignment with VDOT's goals for the Military Highway Continuous Flow Intersection Design-Build project.

Respectfully,
Allan Myers VA, Inc.

Aaron T. Myers, Vice President/General Manager

4.2.1
Organizational Chart and Key Personnel



ALLAN MYERS

Kimley»Horn

rda

4.2 ATTACHMENTS TO THE LETTER OF SUBMITTAL

Since submission of the SOQ, the companies of American Infrastructure have come together under a new and unified brand name – Allan Myers. This is a change in name only; there has been no change in ownership or the structure of the Offeror. In accordance with Section 11.4 of the RFP, VDOT was notified of this change on May 11, 2015. For purposes of completeness, the Myers Team has provided an updated Section 3.3 of the SOQ showing the change from AI to Allan Myers (Myers).

Further, Section 4.2 of Part I, Addendum#3 of the RFP, dated July 22, 2015 requires the Offeror's to confirm that the organizational structure and Key Personnel contained in the Offeror's SOQ, remains true and accurate. Please reference the information below, Section 4.2.1, confirming our Key Personnel commitment.

4.2.1 CONFIRMATION OF SOQ INFORMATION

Allan Myers and the Myers Team is fully committed to maintaining our Team intact for this project. Accordingly, all Key Personnel included in the SOQ continue to be fully committed to the Project. However, there are two minor support staff changes as these individuals have left the employ of Allan Myers. On July 20, 2015, VDOT was provided a copy of the change request and the associated revised organizational chart (changes provided in red font). On July 23, 2015, VDOT acknowledged receipt of and acceptance of the required changes (a copy of the approved revised organizational chart herein).

3.3.1 KEY PERSONNEL

The key personnel identified for the Project were selected based on their performance of similar tasks on previous similar projects in combination with their expertise to successfully manage the project risks. The scope of work and challenges these individuals are currently managing on VDOT DB projects (Elm Avenue and Middle Ground Boulevard~~, and US 460~~) and VDOT DBB projects (B26 Hampton Boulevard and C86 Lynn Haven Parkway) are very similar to the risks this team will face on the Project: roadway widening under traffic; intricate TMP/MOT phasing; complex utility coordination/relocation/betterments; challenging SWM BMPs; and an aggressive schedule. The following overviews highlight their individual strengths with respect to the Project and Figure 3.3.1 provides an overview of their relevant qualifications.

3.3.1.1 Design-Build Project Manager (DBPM): ~~AI~~ Myers has committed ***Edward Hilferty*** as DBPM for the Project and the primary point of contact for VDOT. He is responsible for the execution and quality of all work performed under the contract including corresponding with third parties and project stakeholders, coordinating design activities, overseeing construction quality, and managing the project schedule to ensure timely completion. Mr. Hilferty's experience includes the successful management and completion of three recent projects working side-by-side with our CM Jeff Snow. ***As the DBPM/CM team, Mr. Hilferty and Mr. Snow bring the required working relationship and leadership needed to manage the Project and mitigate the risks associated with maintenance of traffic (MOT) during construction, implementing an innovative design concept, and utility coordination/relocation.*** Mr. Hilferty will work closely with PR Manager (PRM), Shannon Moody, and VDOT to schedule/conduct outreach efforts and personally discuss project challenges and solutions with the general public and business community throughout the duration of the Project. His current local VDOT experience includes serving as the PM for the B26 Hampton Boulevard and C86 Lynnhaven Parkway projects and DBPM for the Middle Ground Boulevard project.

3.3.1.2 Quality Assurance Manager (QAM): Quinn Consulting Services' ***Thomas Druhot, P.E., CCM, DBIA*** will serve as the QAM for the Project. He has over 30 years of engineering experience with specific emphasis on transportation systems, structures, utilities, and construction methods. He will report directly to the DBPM and will have direct, independent access to VDOT. Currently, ***Mr. Druhot is the QAM on two DB projects, including the I-564 Intermodal Connector DB project in Norfolk, which provides him the communication and technical skills to successfully perform as the QAM on this project.*** He was a VDOT Area Construction Engineer for Hampton Roads (HR) District for over 10 years and managed a staff of up to 50 inspectors/engineers on more than 20 simultaneous contracts. As VDOT's "Engineer in Responsible

Charge," Mr. Druhot worked closely with federal, state, and local government agencies including the City of Norfolk. During his tenure at VDOT, he consistently met or exceeded project goals with respect to safety, schedule, budget, environmental compliance, and CQIP scores. He is knowledgeable of VDOT's Construction Program, Road and Bridge Specification and Standards, and the Virginia Work Area Protection Manual.

3.3.1.3 DESIGN MANAGER (DM): As DM for the Project, Kimley-Horn's ***William Mackey, P.E.*** will be responsible for providing a quality product, meeting all design milestones and interfaces, and overseeing the Design QA/QC program. ***With nearly 30 years of experience, Mr. Mackey has served as DM on several large, complex projects within VDOT's HR District, focusing on the management and design of urban and rural interstates, roadways, interchanges, and intersections.*** His notable projects include the I-64 Battlefield Boulevard interchange, I-264/ Witchduck Road Interchange and Ramp Extension (C-D Road) improvements, and Princess Anne Road/ Kempsville Road Intersection and Witchduck Road Phase 1 projects. He will work closely with his Design QA/QC Manager to ensure that all design documents adhere to the LD-436 checklists, the Project's QA/QC manual, and VDOT's technical requirements to facilitate issuance of VDOT's Notice to Commence Construction (NtCC). Mr. Mackey's extensive VDOT interchange experience in HR District, coupled with his current position resolving design / construction challenges on the US 460 DB project (working alongside VDOT and across the table from ~~AI~~ Myers), provide him a unique management perspective in managing the Project's design and coordinating multiple design disciplines.

3.3.1.4 CONSTRUCTION MANAGER (CM): ~~AI's~~ Myers' CM ***Jeffrey Snow*** will be on-site full-time for the duration of construction of the Project. He has 14 years of progressive construction management experience and will be responsible for managing the construction process and ensuring the materials used/work performed meet all contract/permit requirements. Throughout his 12-year career with ~~AI~~ Myers, he has served as the CM on two DB projects and one Interstate DBB project, all under the direction of Mr. Hilferty (DBPM). ***Mr. Snow's current local VDOT experience includes serving as the CM for the active C86 Lynnhaven Parkway and the recently awarded F70 Holland Road projects.*** This valuable VDOT experience, coupled with his DB experience positions him to serve as CM and address local construction issues on the Project. Mr. Snow holds Virginia DEQ RLD Certification and will hold VDOT ESCC Certification prior to the commencement of construction.

3.3.1.5 Traffic Operations Design and Manager (TODM): Kimley-Horn's ***Timothy White, P.E., PTOE*** has 24 years of experience in the areas of traffic engineering and transportation planning and will oversee traffic operations design for the Project. Throughout his career, he has been the Lead Traffic Engineer on numerous complex interchange and intersection improvement projects. For these types of projects, ***Mr. White has been responsible for traffic analysis, traffic signal design, traffic signal timing, and MOT plan development.*** He has conducted quality control reviews of multiple work zone traffic control layouts for roadway widening projects, including I-81 at Exit 14, Jamestown Corridor Improvements PPTA, and Wilton Parkway. Mr. White worked at VDOT for 7 years while managing the Highway Safety Improvement Program (HSIP) with over 125 safety projects in VDOT Six-Year Improvement Program located throughout the state. In 2003, he was the primary author of the DDOT Work Area Traffic Control Manual based on the 2003 changes to the Manual on Uniform Traffic Control Devices (MUTCD). Since joining KH and in conjunction with VDOT, Mr. White has conducted intersection safety assessments at locations throughout the HR District, including projects in Newport News and York, Accomack, Northampton, and James City Counties.

3.3.1.6 Lead Utility Coordination Manager (LUCM): RDA's ***John Myers*** will serve as the Lead Utility Coordination Manager for the Project and will report directly to the DBPM. ***Mr. Myers has 15 years of experience in the coordination of utilities to include 13 years with VDOT in various facets of this role with the last eight (2 with RDA, 6 with VDOT) in this identical role.*** He will coordinate all utility relocations from NTP to construction completion. Mr. ~~White~~ Myers will verify/determine where conflicts are unavoidable; assess cost responsibilities; conduct utility field inspections; coordinate utility relocation designs; review and

recommend approval of utility relocation plans and estimates; ensure inspection of utility relocation construction; and perform other duties as required.

Figure 3.3.1 Key Personnel Strengths for the Project

DBPM, Edward Hilferty	QAM, Thomas Druhot, P.E., CCM, DBIA	DM, William Mackey, P.E.
▪ 24 Years' Experience ▪ 4 Successful DB Projects ▪ DBPM on 2 VDOT DB Projects ▪ Design Oversight ▪ Complex MOT/Utilities ▪ Public Interaction/Coordination	▪ 30 Years' VDOT Quality Experience ▪ Experience with HR District ▪ QAM on two DB Projects ▪ Active Virginia PE, CCM, DBIA and VDOT Certifications	▪ 28 Years' Highway Design ▪ Design-Build Experience ▪ Routinely Manages Multi-Disciplinary Teams ▪ Quality Management ▪ Complex TMP/MOT Oversight
CM, Jeffrey Snow	**TODM, Timothy White, P.E., PTOE**	**LUCM, John Myers**
▪ 14 Years' Experience ▪ Design-Build Experience ▪ 2 VDOT HR District Projects ▪ Construction QC oversight ▪ Complex MOT/Utility Relocation	▪ 24 Years' Traffic Experience ▪ Integrated Signalization/ Communications ▪ Regional Traffic Signal Network Optimization ▪ Active Virginia PE/PTOE	▪ 13 Years' Utility Experience LUCM on 2 VDOT DB Projects ▪ Proven Coordination with Wet/Dry Utilities ▪ Utility Constructability/ UT-9 Expertise

The ~~AI~~ Myers Team is an integrated organization comprised of seven firms with previous work history and local experience. Our organizational chart shows reporting relationships, line of communications, and pertinent disciplines/major functions to be performed. This structure is similar to the successful model being used by ~~AI~~ Myers on VDOT's I-581/Elm Avenue Interchange Improvements DB project and support effective communication and management of the risks associated with the Project, specifically with respect to MOT, utility coordination, and schedule.

TEAM MEMBERS – ~~AI~~ Myers and KH/RDA will perform all major design and construction activities for the Project, including utility coordination and ROW acquisition and will be supported by the subconsultants identified in Table 3.3.1.

Table 3.3.1 Subconsultants to the ~~AI~~ Myers Team

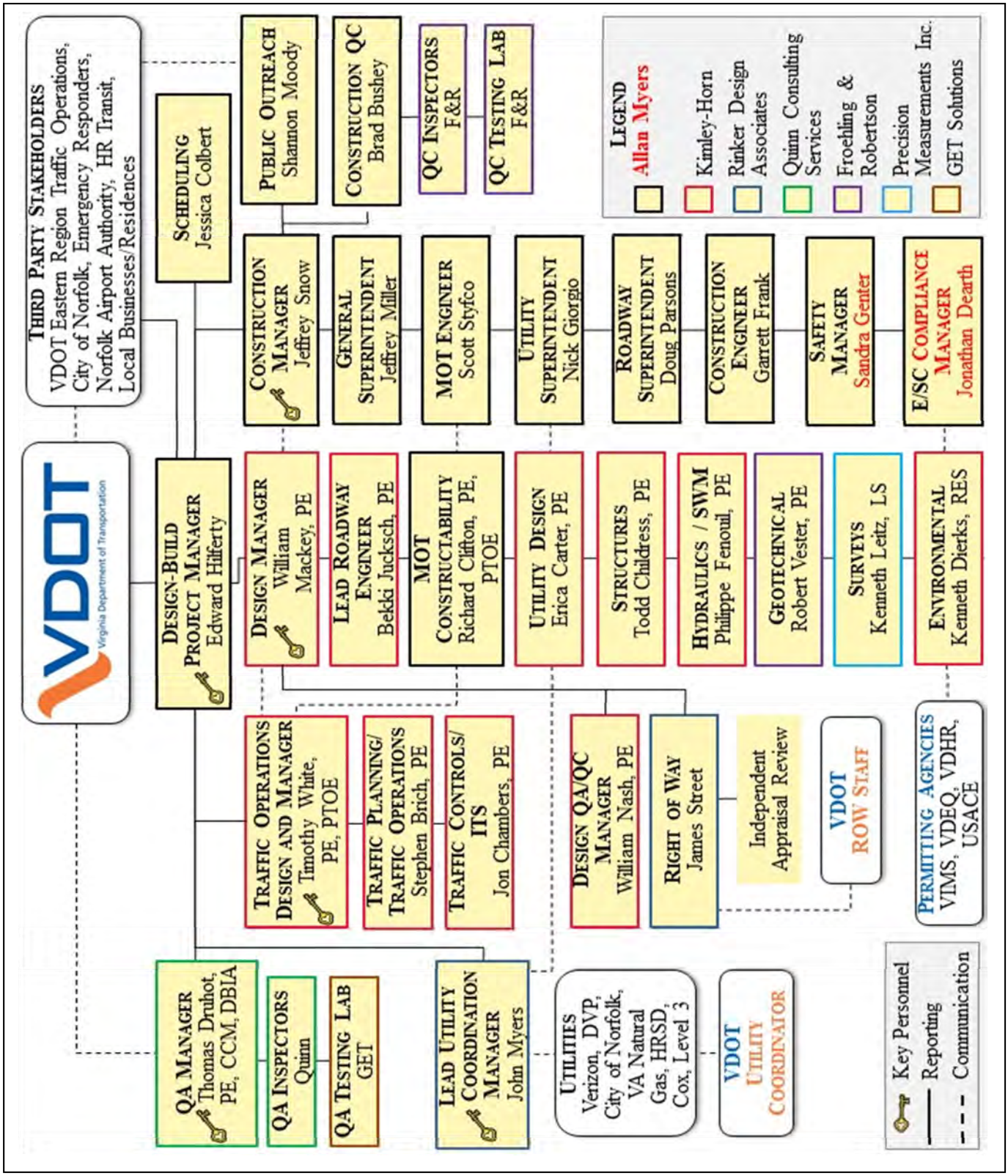
Firm	Role	Relevant Experience
Quinn Consulting Services (Quinn) *DBE	Quality Assurance	▪ Assisted ~~AI~~ Myers on 4 VDOT DB pursuits and has a local presence in Hampton Roads.
Froehling & Robertson (F&R)	Geotechnical Design/ QC Testing	▪ Provided the same services for ~~AI~~ Myers on 3 VDOT DB projects and has a local office 5 miles from the Project.
Precision Measurements Inc. (PMI) *DBE	Surveying/ ROW Platting	▪ Assisted ~~AI~~ Myers on the I-64 Segment I DB pursuit and has a local presence in Hampton Roads.
GET Solutions (GET)	QA Laboratory	▪ Assisted ~~AI~~ Myers on the Middle Ground Blvd DB Project and a Hampton Roads testing firm.

FUNCTIONAL RELATIONSHIPS AND COMMUNICATION

VDOT – The Department will coordinate directly with our DBPM as the primary contact for all aspects of design and construction oversight of the Project. Open lines of communication between the QAM and VDOT will assist with monitoring quality assurance oversight. Coordination with the DB Team will include monthly progress meetings, over the shoulder reviews, comment resolution meetings, and weekly updates. We anticipate VDOT's oversight and support in our coordination efforts with project stakeholders.

3.3.2 Organizational Structure

Revised Organizational Chart – approved by VDOT on July 23, 2015.



Roadway Design Lead
Bekki Jucksch, P.E. *has 20 years of HR District roadway design experience and will coordinate all inter-disciplinary engineering design aspects of the VDOT plan development process, similar to her work on the Laskin Road Widening for VDOT and Boush Street Improvements for Norfolk.*

MOT Constructability
MOTCE, ***Rich Clifton, P.E. , PTOE*** *worked hand-in-hand with CM Jeffrey Snow and MOTE Scott Styfco on VDOT's Lynnhaven Parkway project to modify the SOC and MOT plans to resolve utility relocation conflicts within the SOC and MOT phasing and maintain traffic flow in this highly developed residential area of Virginia Beach.*

Traffic Design Support
Timothy White, PE, PTOE will be supported by ***Stephen Brich, P.E.*** *and* ***Jon Chambers, P.E.,*** *both of whom have substantial HR experience with VDOT, Norfolk and local municipalities. While at VDOT, Mr. Brich was instrumental in converting the conventional Military Highway/ Northampton intersection to a CFI. Mr. Chambers has been working with the City of Norfolk for the past 6 years to develop fiber optic cable routing designs, updating ITS and video wall to physically implement ethernet upgrades in the downtown Norfolk corridor.*

Design-Build Project Management – Our DBPM will serve as VDOT's single point of contact for the Project. Reporting to the DBPM are six primary reports: the QAM, DM, CM, LUCM, TODM, and Schedule Manager. This structure will ensure the DBPM's control over the work including design, construction, quality management, schedule, safety, and contract administration. The Schedule Manager has been added to our Team and will report directly to the DBPM as a schedule mitigation strategy as schedule has been identified as one of the three major risks on the Project. The DBPM, with support from the PRM, CM, and DM, will also coordinate public outreach and public meetings.

Quality Assurance –The QAM will report to our DBPM, with independent oversight by VDOT. QA Inspectors (Quinn personnel) and the QA Laboratory (GET) will report through the QAM and will be contracted directly with ~~AI~~ Myers. Our QAM will also observe and verify the construction QC program to ensure all work and materials, testing, and sampling is performed in accordance with the contract requirements and the NtCC plans and specifications.

Design – Our DM will report to the DBPM and coordinate with the CM to develop an efficient and constructible design. He will work with the CM during construction to confirm field conditions meet design assumptions and reevaluate these assumptions if necessary. RDA (ROW and utilities), F&R (geotechnical), and PMI (survey) will all be contracted directly to KH for their respective design services while individual discipline leads will report to the DM. This structure will ensure effective and efficient design development and quality control. Integration of ROW acquisition with the design team avoids potential issues between the final design and ROW, and ensures submissions to VDOT are accurate. The TODM will report to the DBPM and work directly with the DM, MOT Constructability Engineer (MOTCE) in design, and MOT Engineer (MOTE) in construction. The linking of the DM, MOTCE and MOTE will provide continuity of the design throughout construction including travel patterns, safety, and public outreach. Design QA/QC Manager, Bill Nash, P.E. will manage the design quality process. Mr. Nash's oversight will confirm that all documents, plans, and deliverables are completed in accordance with the VDOT approved QA/QC Plan and the NtCC plans are complete and accurate.

Construction – The CM will report to the DBPM and communicate directly with the DM to ensure the design is constructible and the construction is completed in accordance with the NtCC plans and all project requirements. Our CM will be on-site for the duration of construction operations, overseeing the entire construction process, including the General, Utility, and Roadway Superintendents; the MOTE and Construction Engineer (CE); the Safety Manager; and the Erosion and Sediment Control Inspector. Under the direction of the CM and General Superintendent, the MOTE and CE will work collaboratively to ensure the design is constructible, effective, and safe to the traveling public and with the PRM to ensure that

advanced outreach is completed with the business, local and resident communities and the traveling public. ~~AI's~~ Myers' QC Manager (QCM) will report directly to the CM and oversee all construction for compliance with the NtCC plans, and VDOT specifications and technical requirements. The QCM will work closely with F&R inspection, testing, and laboratory personnel who will be contracted directly to ~~AI~~ Myers.

Transportation Management and MOT – The TODM will be supported by Traffic Planning/Traffic Operations and Traffic Controls/ITS experts. This team approach to transportation management will provide a detailed assessment of how best to use the TMS that is in place during construction and will provide a strong comprehensive solution post construction. In addition, ~~AI's~~ Myers' MOTCE will work collaboratively with the TODM and his team during the design phase to provide MOT phasing that is consistent with construction means and methods. Through coordination with ~~AI's~~ Myers' MOTE, he will support field implementation of the well-developed MOT plan.

Utility Coordination – Our LUCM will manage utility coordination for the Project and will report to the DBPM. He will work hand-in-hand with the Utility Designer and Utility Superintendent to minimize impacts, collaboratively develop conflict resolutions, and monitor schedule progress. The LUCM will lead the efforts in contacting all utility companies to confirm potential impacts and develop a coordination plan. As utility impacts are refined and utility plans, specs and estimates are submitted, the LUCM will review costs with our DM and DBPM to confirm their validity, and finalize their approval to submit to VDOT for utility relocation authorization.

4.2.3
Schedule Narrative

4.2.3 PROPOSAL SCHEDULE

SEQUENCE OF WORK

The Myers Team has thoroughly evaluated the Project RFP documents, performed multiple site visits, attended pre-proposal meetings, and performed internal brainstorming sessions to fully assess the associated design, right-of-way impacts, utility relocations, construction, geotechnical constraints and environmental challenges. While performing these activities, special attention was paid to the VDOT stated project milestones contained in the RFP. Specifically, the final completion date of May 1, 2018. The following table expands upon the milestones in the Technical Proposal and supports our commitment to on-time project completion.

KEY PROJECT MILESTONE	SCHEDULE
Quality Assurance/Quality Control Plan Approval	December 2015
Public Information and Communication Plan Approval	March 2016
Wetlands Permit Acquisition	June 2016
Begin Work at Box Culvert	July 2016
Receive ROW Clearance	September 2016
Commence Construction – Segment B	September 2016
Commence Construction – Segment C	September 2016
Commence Construction – Remainder of Segment A	October 2016
Complete Segment C	March 2018
Complete Segment B	April 2018
Complete Segment A	April 2018
Final Project Completion	May 1, 2018

The Project was divided into three segments to provide smaller manageable areas, meet the traffic maintenance requirements, and to provide the greatest flexibility in scheduling. The segments differ slightly from the three individual VDOT projects that make up the Project. Segment A extends from the southern end of the project to Cornick Road (STA 129+50) and includes the Broad Creek culvert. Segment B extends from Cornick Road to the Bay Coast Railroad grade crossing at STA 154+00 and includes Princess Anne Road and Northampton Boulevard. All of the components of the CFI lie within Segment B. Segment C extends from the railroad grade crossing to the north end of the Project and includes all of the improvements on Robin Hood Road. Construction of each segment will be prosecuted as follows:

Segment A

Phase 1A

MOT: Shift traffic into 2 lanes in each direction on the west side of Military Hwy across the Broad Creek culvert. Restrict Lewis Road to RIRO only at Military Highway. Nighttime lane closures, as necessary.

Utilities: Relocate the conflicting utilities on the east side of Military Highway between the VoTech Center exit and Cornick Road, including the 16" gas line and aerial electric lines.

Culvert: Reroute Broad Creek on the east side of Military Highway and extend the existing culvert. Using nighttime lane closures, as needed, install sheet pile shoring/cofferdams for the proposed

culvert crossing. Cut sheeting to below grade and place steel plates over sheet piles in active travel lanes. Construct the eastern portion of the culvert and backfill the area to grade.

Roadway: Perform soil stabilization/strengthening along the eastern side of Segment A as necessary. Construct the widening along the east side of Military Highway between the VoTech Center exit and Cornick Road including drainage, C&G, sidewalk and paving up to the elevation of the existing roadway.

Phase 1B

MOT: Shift NB Military Highway traffic into 2 lanes on the east side widening. Nighttime lane closures, as necessary.

Utilities: None

Culvert: Complete the eastern half of the new culvert.

Roadway: Patch back to grade the area excavated for the culvert construction. Remove the median islands north of Lowery Road, in the Target driveway, and at the VoTech Center exit and patch to grade with asphalt.

Phase 2

MOT: Shift SB traffic to the east side of Military Highway throughout Segment A (maintain existing turn lanes where necessary). Nighttime lane closures, as necessary.

Utilities: Replace the existing traffic signals at Target Driveway and at Lake Herbert Drive. Relocate the conflicting utilities on the west side of Military Highway starting with the 12" gas line across Broad Creek.

Culvert: Construct the western portion of the culvert. Reroute Broad Creek to run through the new culvert. Close up the existing culvert and place fill along the western side of Military Highway up to the final elevation.

Roadway: Perform soil stabilization/strengthening along the western side of Segment A as necessary. Construct the widening along the west side of Military Highway throughout Segment A including drainage, C&G, sidewalk and paving up to the elevation of the existing roadway.

Phase 3

MOT: Utilizing the pavement placed in Phase 2, shift traffic to the west side of Military Highway throughout Segment A. Nighttime lane closures, as necessary.

Utilities: Modify the existing traffic signals as necessary. Relocate the remaining conflicting utilities on the east side of Military Highway in Segment A.

Culvert: None

Roadway: Construct the remaining widening along the east side of Military Highway throughout Segment A including drainage, C&G, sidewalk and paving up to but not including the final surface course. Complete the pavement replacement of the existing northbound lanes. Build the noise wall along the east side of Military Highway at the north end of Segment A.

Phase 4

MOT: Shift NB traffic to the east side widening throughout Segment A. Maintain SB traffic in the existing pattern on the west side widening. Nighttime lane closures, as necessary.

Utilities: Modify existing signals as necessary. Install new signals at Target Driveway and at Lake Herbert Drive

Culvert: None

Roadway: Complete the pavement replacement of the existing southbound lanes. Construct the medians throughout Segment A. Place final surface course throughout Segment A.

Segment B

Phase 1

MOT: Nighttime lane closures as needed.

Utilities: Relocate the conflicting utilities on the west side of Military Highway throughout Segment B. Relocate the conflicting utilities along the south side of Princess Anne Road and along the north side of Northampton Boulevard as well as the street lights in the median on Northampton Boulevard. Complete the grade crossing improvements at the Bay Coast Railroad crossing.

Roadway: Remove the existing medians on Princess Anne Road, Northampton Boulevard and Military Highway and patch back to grade with asphalt. Place temporary pavement to extend the EB, WB and SB right turn lanes to the main intersection. Construct the SWM pond in the SW quadrant.

Phase 2

MOT: Close EB, WB, and SB right turn channels. Close Lewis Road and the west leg of Elizabeth Avenue at Military Highway. Shift traffic to the north on Princess Anne Road, to the south on Northampton Boulevard, and to the east on Military Highway. Maintain existing turn lanes where necessary. Nighttime lane closures as needed.

Utilities: Modify the traffic signals at Military/Northampton/Princess Anne and at Elizabeth Avenue. Relocate the conflicting utilities on the east side of Military Highway throughout Segment B. Relocate the conflicting utilities along the north side of Princess Anne Road and along the south side of Northampton Boulevard.

Roadway: Install the drainage system on Princess Anne Road and construct the widening on the south side of Princess Anne Road including C&G, sidewalk and paving up to the grade of the existing pavement. Install the drainage system along the north side of Northampton Boulevard and tie into the existing system to cross the roadway. Construct the widening along the north side of Northampton Boulevard including C&G, sidewalk and pavement up to the grade of the existing pavement. Construct the widening along the west side of Military Highway including the drainage system, C&G, sidewalk and pavement up to but not including the final surface course. Place temporary pavement in the proposed medians as necessary for the Phase 3 MOT plan. Install the noise wall along the west side of Military Highway.

Phase 2B

MOT: Nighttime and/or weekend lane closures and flagging of traffic.

Roadway: Reconstruct the pavement inside the intersection proper of Military Highway/Princess Anne Road/Northampton Boulevard up to but not including the final surface course. Place temporary wedging as necessary to maintain traffic through the intersection.

Phase 3

MOT: Shift traffic to the newly constructed pavements along the west side of Military Highway, the south side of Princess Anne Road and the north side of Northampton Boulevard. Reopen Lewis Road and the west leg of Elizabeth Avenue. Close Cowand Avenue, Cornick Road and Lake Wright Drive. Place temporary wedging to maintain access to the east leg of Elizabeth Avenue. Nighttime lane closures as needed.

Utilities: Modify the traffic signals at Military/Northampton/Princess Anne and at Elizabeth Avenue.

Roadway: Construct the widening and pavement replacement along the north side of Princess Anne Road including C&G, sidewalk and pavement up to but not including the final surface course. Complete the drainage system on Northampton Boulevard and construct the widening and pavement replacement on the south side of Northampton Boulevard including C&G, sidewalk and pavement up to but not including the final surface course. Utilize nighttime and/or weekend lane closures to

reconstruct the eastbound pavement at the east end of the project. Construct the widening along the east side of Military Highway including the drainage system, C&G, sidewalk and pavement up to but not including the final surface course. Install the noise wall along the east side of Military Highway near Cornick Road.

Phase 4A

MOT: Shift westbound traffic to the north side of Princess Anne Road and shift eastbound traffic to the south side of Northampton Boulevard. Nighttime lane closures as needed.

Utilities: Modify the traffic signal at Military/Northampton/Princess Anne.

Roadway: Construct the median and remaining pavement replacement on Princess Anne Road and on Northampton Boulevard. Use Nighttime and/or weekend lane closures to replace the westbound Northampton Boulevard pavement at the east end of the project.

Phase 4B

MOT: Open all travel lanes on Northampton Boulevard and on Princess Anne Road. Open Lake Wright Drive and change the east leg of Elizabeth Avenue to entering traffic only. Shift NB traffic to the east side pavement on the south leg of Military Highway. Nighttime lane closures as needed.

Utilities: Modify the traffic signals at Princess Anne/Kilmer, Military/Northampton/Princess Anne and at Military/Elizabeth. Install the new signal at Military/Lake Wright.

Roadway: Complete the pavement reconstruction and construction of the new medians and channelizing islands on Military Highway. Complete the reconstruction of the east leg of Elizabeth Avenue, including the channelizing islands.

Phase 4C

MOT: Shift Military Highway traffic into the CFI configuration. Open the east leg of Elizabeth Avenue to exiting traffic. Nighttime lane closures as needed.

Utilities: Modify the traffic signals at Military/Northampton/Princess Anne, Military/Elizabeth and Military/Lake Wright. Install the new signal for the crossover on the south leg of Military Highway.

Roadway: Complete the pavement reconstruction on Military Highway at the railroad crossing. Construct the remainder of the medians and islands on the north leg of Military Highway. Place final surface course throughout Segment B.

Segment C

Phase 1

MOT: Nighttime lane closures as needed.

Utilities: Relocate utilities in conflict with SWM basin B.

Roadway: Construct SWM basin B. Remove the medians on Military Highway and the east leg of Robin Hood Road and patch back to grade with asphalt. Install the bridge pier protection system around the center pier of the I-64 bridge over Military Highway. Construct the left side shoulder widening on the I-64 exit ramp up to the elevation of the existing pavement.

Phase 2A

MOT: Shift I-64 ramp traffic onto the shoulder widening. Shift SB Military Highway traffic to the east side of the roadway. Shift traffic to the south on Robin Hood Road in a single lane in each direction. Nighttime lane closures as needed.

Utilities: Relocate conflicting utilities along the west side of Military Highway. Relocate conflicting utilities along the north side of Robin Hood Road. Modify the traffic signal at Military/Robin Hood and Robin Hood/Almeda

Roadway: Construct the widening and pavement replacement along the west side of Military Highway and the right side of the I-64 exit ramp including storm drainage, C&G, sidewalk and pavement up to the elevation of the existing pavement. Construct the widening and pavement replacement along the north side of Robin Hood Road including storm drainage (including cross pipes), C&G, sidewalk and pavement up to the elevation of the existing pavement.

Phase 2B

MOT: Shift I-64 ramp traffic onto the right side widening.
Utilities: None
Roadway: Complete the pavement replacement in Military Highway where ramp traffic had been.

Phase 3

MOT: Shift all Military Highway traffic to the west side of the roadway. Split NB traffic around the center bridge pier. Shift all traffic to the south in a single lane in each direction on Robin Hood Road. Close the loop ramp from NB Military Highway to I-64 WB (detour ramp traffic through the Robin Hood Road intersection).Nighttime lane closures as necessary.
Utilities: Relocate remaining conflicting utilities in Segment C. Modify the signals at Military/Robin Hood and Robin Hood/Almeda
Roadway: Complete the widening and pavement replacement on the I-64 exit ramp. Construct the widening and pavement replacement along the east side of Military Highway including storm drainage, C&G, sidewalk and pavement up to but not including the final surface course. Reconstruct the I-64 WB loop ramp. Construct the improvements to north side of Robin Hood Road including all remaining storm drainage, C&G, sidewalk and pavement up to but not including the final surface.

Phase 4A

MOT: Shift traffic to the outside in each direction of Military Highway and on Robin Hood Road. Open both lanes on the exit ramp from I-64 EB and reopen the loop ramp to I-64 WB. Nighttime lane closures and flagging traffic as needed.
Utilities: Modify the signal at Military/Robin Hood. Install the new signal at the I-64 exit ramp.
Roadway: Complete the pavement replacement and install the median on the east leg of Robin Hood Road. Complete the pavement replacement on the west leg of Robin Hood Road. Complete the pavement replacement and install the medians on Military Highway.

Phase 4B

MOT: Shift traffic to the outside in each direction of Robin Hood Road. Nighttime lane closures and flagging traffic as needed.
Utilities: Install new signal at Military/Robin Hood.
Roadway: Install the channelizing islands at the Military/Robin Hood intersection. Place final surface course throughout Segment C.

WORK BREAKDOWN STRUCTURE

The Proposal Schedule is organized using a hierarchical Work Breakdown Structure (WBS) and is broken down by major scopes of work as shown below. For preconstruction scope areas, the WBS further details major work efforts. For construction, the WBS is broken down by geographical segments as described above in the sequence of work. The segments were further broken down into phases and then areas of work.

PROJECT MILESTONES

The Project Milestones section includes key points in the project schedule that will be the basis of high-level schedule monitoring.

PROJECT ADMINISTRATION

The project administration section includes activities related to the overall management of the Project. Subsections of this WBS are:

- Project Supervision: This section includes monthly installment activities for design and construction supervision. These activities will be used for billing purposes during the project.
- Project Startup: Mobilization activities are included here as well as those for the submittal and review of all project schedules.
- Management Submittals: This section includes activities related to project management submittals such as the Project Specific Safety Plan, Spill Prevention Plan, QA/QC Plan, etc.
- Quality Assurance: This includes monthly design and construction installment billing activities.
- Quality Control: This also includes monthly design and construction installment billing activities.
- Preparatory Meetings: This includes activities for preparatory meetings with subcontractors or suppliers for each major work discipline.
- Project Closeout: This section currently includes punchlist and demobilization items, but will later be used to track any identified project closeout activities.

SCOPE VALIDATION PERIOD

The Scope Validation Period is 120 days and the schedule section includes activities related to scope validation investigations, submittals and negotiations (if necessary).

PUBLIC INFORMATION AND COMMUNICATION

The Public Involvement section includes activities related to the Project's interaction with the public as well as monthly billing installments for implementing PICP.

DESIGN

The Design section includes activities related to the Design efforts needed to commence construction. Subsections of this WBS are:

- General Design Investigations: This section includes design support activities such as reviewing final contract requirements, finalizing any optimization alternatives and assessing additional data requirements that need to be obtained through additional field investigations, borings and evaluations.
- Existing Storm Drain Investigations: These activities are for the video inspection of the existing storm drains.
- Design Survey: This section includes activities related to obtaining additional data through field survey and investigations as noted in Part 2 – Addendum No. 1, Section 2.5.
- Geotechnical: This section includes activities related to performing additional soil borings, laboratory analyses geotechnical analysis and design.
- Broad Creek H&HA: This section includes activities related to the performance of the hydraulic and hydrologic modeling and analysis for the culvert located in segment A.
- FI/RW Plans: This section includes activities related to the preparation, submission and approval of the FI/RW Plans. Initial FI/RW plans submissions include draft drainage and SWM reports.
- Roadway Design: This section includes activities related to the preparation, submission and approval of the Approved for Construction (AFC) Roadway plans. These design plans are broken down into each of the three (3) work segments. Final roadway plans submissions with include final drainage and SWM reports.

PERMITTING/ENVIRONMENTAL

The Permitting/Environmental section includes activities related to the efforts needed to obtain necessary environmental permits for the Project. Subsections of this WBS are:

- VPDES Permitting: This section includes activities related to securing the DEQ VPDES Construction Permit. The procurement of the permit is broken down into the three segments.
- SWPPP Permitting: This section includes the preparation and approval of the SWPPP. Again the activities are broken down for each of the segments.
- Individual Wetlands Permit: This section includes activities related to the preparation, submission and approval of the Individual Wetlands Permit. This will include wetland delineations, avoidance and minimization studies, verification of Time of Year restrictions, if any, and coordination with the permitting agencies. This section includes activities for agency public notice, draft permit issuance for review by the Myers Team and procurement of requisite wetland and stream credits.

RIGHT-OF-WAY

The Right-of-Way (ROW) section includes activities related to the efforts needed to acquire ROW and temporary utility and construction easements required to commence construction of the Project. The acquisition of ROW is separated into the three work segments. Subsections of this WBS are:

- Site Assessments/Survey/Research: This section includes activities related to site investigations and research for parcels potentially affected by the Project.
- Parcel Acquisitions: This section contains activities related to the total acquisition sequence from the appraisal to receiving ROW clearance. This section is further broken into each segment as well as a separate section for those parcels directly acquired by VDOT.

UTILITIES

The Utilities section includes activities related to the efforts needed to relocate utilities in conflict with the final design. Subsections of this WBS are:

- Utility Coordination/Planning: This section includes activities related to early coordination and issuance of Utility Master Agreements.
- Utility Field Inspections: This section includes activities related to field investigations, development of Subsurface Utility Exploration Drawings, and Utility Relocation Concept Plans for each Segment.
- Utility Plans & Estimates: This section includes activities related to development and approval of Plan & Estimates and final Utility Assemblies. The Utility Assembly Package includes the Plan & Estimate as well as applicable easement and cost information.
- Utility Relocations: This section includes activities related to the physical relocation of utilities.
- Utility Coordination: This includes monthly design and construction installment billing activities for utility coordination.

PROCUREMENT

The Procurement section includes activities related to the efforts related to relationships between AI and its vendors and subcontractors. Subsections of this WBS are:

- Vendor Procurement: This section includes activities related to procurement of material vendors and subcontractors needed to construct the approved design.
- Construction Submittals: This section includes tracking pre-construction working drawings and shop drawings.
- Fabrication: This section includes activities related to the lead times of major materials.

CONSTRUCTION

The Construction section includes activities related to the efforts needed to construct the approved design. This WBS section is broken down by geographical segmentation as shown below. Subsections of this WBS are:

- Segment A: Begin Project to Sta. 129+50
  - Phase 1A:
    - Erosion Control & Clearing
    - Traffic Control
    - Roadway
      - Military Highway Sta. 121+50 to 129+50
    - Box Culvert
  - Phase 1B
    - Traffic Control
    - Roadway
      - Military Highway Sta. 120+00 to 129+50
    - Box Culvert
  - Phase 2
    - Erosion Control & Clearing
    - Traffic Control
    - Roadway
      - Military Highway Sta. 97+00 to 118+00
      - Military Highway Sta. 118+00 to 129+50
    - Box Culvert
  - Phase 3
    - Traffic Control
    - Roadway
      - Military Highway Sta. 97+00 to 118+00
      - Military Highway Sta. 118+00 to 129+50
    - Noise Walls
  - Phase 4
    - Traffic Control
    - Roadway
      - Military Highway Sta. 97+00 to 118+00
      - Military Highway Sta. 118+00 to 129+50
      - Military Highway – Entire Segment
    - Finishes
    - Military Highway – Entire Segment
- Segment B: Sta. 129+50 to Sta. 154+00
  - Phase 1
    - Erosion Control & Clearing
    - Traffic Control

- Roadway
  - Military Highway Sta. 129+50 to 138+50
  - Military Highway Sta. 138+50 to 154+00
  - Princess Anne Road
  - Northampton Boulevard
- Phase 2
  - Traffic Control
  - Roadway
    - Military Highway Sta. 129+50 to 138+50
    - Military Highway Sta. 138+50 to 154+00
    - Princess Anne Road
    - Northampton Boulevard
  - Noise Walls
- Phase 2B
  - Traffic Control
  - Roadway
- Phase 3
  - Traffic Control
  - Roadway
    - Military Highway Sta. 129+50 to 138+50
    - Military Highway Sta. 138+50 to 154+00
    - Princess Anne Road
    - Northampton Boulevard
  - Noise Walls
- Phase 4A
  - Traffic Control
  - Roadway
    - Princess Anne Road
    - Northampton Boulevard
- Phase 4B
  - Traffic Control
  - Roadway
    - Military Highway Sta. 129+50 to 138+50
    - Military Highway Sta. 138+50 to 154+00
    - Elizabeth Avenue
- Phase 4C
  - Traffic Control
  - Roadway
    - Military Highway Sta. 138+50 to 154+00
- Phase 5
  - Roadway

        - Princess Anne Road
        - Northampton Boulevard
        - Military Highway – Entire Segment
    - Finishes
        - Princess Anne Road
        - Northampton Boulevard
        - Military Highway – Entire Segment
- Segment C: Sta. 154+00 to End Project
    - Phase 1
        - Erosion Control & Clearing
        - Traffic Control
        - Roadway
            - Military Highway Sta. 154+00 to 164+00
            - Military Highway Sta. 164+00 to 178+50
            - Robin Hood Road - East
            - Robin Hood Road – West
            - I-64 Off-Ramp
    - Phase 2
        - Traffic Control
        - Roadway
            - Military Highway Sta. 154+00 to 164+00
            - Military Highway Sta. 164+00 to 178+50
            - Robin Hood Road - East
            - Robin Hood Road – West
            - I-64 Off-Ramp
        - Soil Nail Walls
            - Military Highway Sta. 164+00 to 178+50
            - Robin Hood Road – West
    - Phase 3
        - Traffic Control
        - Roadway
            - Military Highway Sta. 154+00 to 164+00
            - Military Highway Sta. 164+00 to 178+50
            - Robin Hood Road - East
            - Robin Hood Road – West
            - I-64 Off-Ramp
        - Soil Nail Walls
            - Robin Hood Road – West
    - Phase 4A
        - Traffic Control

- Roadway
  - Military Highway Sta. 154+00 to 164+00
  - Military Highway Sta. 164+00 to 178+50
  - Robin Hood Road - East
  - Robin Hood Road – West
- <u>Phase 4B</u>
  - Traffic Control
  - Roadway
    - Military Highway Sta. 154+00 to 164+00
    - Military Highway Sta. 164+00 to 178+50
    - Robin Hood Road - East
    - Robin Hood Road – West
    - I-64 Off-Ramp
    - I-64 On-Ramp
    - Military Highway – Entire Segment
  - Finishes
    - Robin Hood Road - East
    - Robin Hood Road – West
    - I-64 Off-Ramp
    - Military Highway – Entire Segment

CRITICAL PATH

The critical path, as represented by the project schedule, includes the following activities in order of progression from Notice to Proceed (October 13, 2015) through Project Final Completion (May 1, 2018) and is as follows:

- Notice to Proceed
- General Design Investigations
- FI/RW Plan Process
- Wetlands Permit Approval Process
- Construction of the Box Culvert
- The remainder of Segment A through surface paving
- The entire portion of Segment B from start to finish
- Project finishes

Note that because of the complexity and time frame of the project, there are 2 critical paths. One runs through Segment A and one runs through Segment B.

SCHEDULE ASSUMPTIONS

To properly manage the project schedule, it is important to understand the scope of the work and interdisciplinary dependencies for proper management. In addition, it is important to understand the technical

capabilities of the schedule management software. Care has been given to the setup of the Primavera Schedule to ease future schedule management and to properly account for schedule risks to reduce potential impacts.

CALENDARS

Project-specific calendars have been set up in Primavera to represent various restrictions and assumptions that must be applied to the project activities.

- Primary Calendars:
  - C00001765DB81 – Standard 5-day:
    - This calendar allows work five days per week except standard state holidays.
    - It is assigned all preconstruction activities that are not dependent on weather and would be primarily performed in an office.
  - C00001765DB81 – 5-day Construction:
    - This calendar allows work five days per week except standard state holidays. It also accounts for normal weather patterns that would affect field activities, such as precipitation histories.
    - It is assigned to all field activities that may be affected by weather or precipitation events.
  - C00001765DB81 – Base Paving:
    - This calendar allows work five days per week except standard state holidays. In addition to accounting for normal weather patterns, as shown in the "5-day Construction" calendar, it also prohibits work from taking place from December 15 each year through the last day of February of the following year.
    - It is assigned to all field activities that may be affected by temperatures in order to be installed per specification, such as paving activities.
  - C00001765DB81 – Surface Paving:
    - This calendar allows work five days per week except standard state holidays. In addition to accounting for normal weather patterns, as shown in the "5-day Construction" calendar, it also prohibits work from taking place from Thanksgiving each year through March 15 of the following year.
    - It is assigned to all field activities that may be affected by temperatures in order to be installed per specification, such as paving activities.
    -
  - C00001765DB81 – 7-day:
    - This calendar allows work seven days per week.
    - It is assigned to cure activities and any activity whose duration is based on calendar days.
- Specialty Calendars:
  - C00001765DB81 – Northern Long Eared Bat:
    - This calendar restricts work to only September 16 through April 15 of the next year.
    - It is assigned to all tree clearing activities.

CONSISTENCY OF ACTIVITY NAMES AND IDS

Care has been made to maintain consistency throughout the project schedule in terms of each activity's name and ID. Each Activity ID is ten digits long. The first six digits of the Activity ID mirror the WBS code in which the activity is located. Likewise, activities of similar type are named consistently. Activities for

installing subbase are consistently named "Place Subbase" throughout the schedule rather than "Install Subbase" in one location or "Place Subbase" in another. In addition, Activities that are duplicative in multiple areas of the Project, have a suffix for the specific location or detail that is applicable. For example, there are numerous activities in the project schedule for "Place Subbase". To avoid confusion about the scope of each activity, each of those activities is labeled with the specific segment and stationing, i.e. "Place Subbase – 118+00 to 129+50 RT – Military Highway".

SCHEDULE ACRONYMS, ABBREVIATIONS, AND DEFINITIONS

AC *or* A/C	Address Comments	QA/QC	Quality Assurance/Quality Control
AFC	Approved for Construction	RA *or* R/A	Review and Approve
DB	Design Builder	RC *or* R/C	Review and Comment
EB	Eastbound	RW *or* ROW	Right-of-way
FI/RW	Field Inspection/Right-of-Way	RT	Right
H&HA	Hydraulic and Hydrologic Analysis	S/C/D	Schedule/Conduct/Document
LT	Left	SB	Southbound
MOT	Maintenance of Traffic	SFA	Submit for Approval
MUA	Master Utility Agreement	SFC	Submit for Comment
NB	Northbound	SFR	Submit for Review
NTP	Notice to Proceed	VDOT	Virginia Department of Transportation
P&E	Plans & Estimates		
PIPC	Public Information and Communications Plan	WB	Westbound

Appendix 4.1.7
Proposal Payment Agreement

ATTACHMENT 9.3.1
PROPOSAL PAYMENT AGREEMENT

THIS PROPOSAL PAYMENT AGREEMENT (this "Agreement") is made and entered into as of this 27th day of July, 2015, by and between the Virginia Department of Transportation ("VDOT"), and Allan Myers VA, Inc. ("Offeror").

WITNESSETH:

WHEREAS, Offeror is one of the entities who submitted Statements of Qualifications ("SOQs") pursuant to VDOT's December 12, 2014 Request for Qualifications ("RFQ") and was invited to submit proposals in response to a Request for Proposals ("RFP") for the Military Highway Continuous Flow Intersection Project Numbers 0013-122-V03, 0165-122-V04, 0165-122-181 ("Project"), under a design-build contract with VDOT ("Design-Build Contract"); and

WHEREAS, as part of the procurement process for the Project, Offeror has already provided and/or furnished to VDOT, and may continue to provide and/or furnish to VDOT, certain intellectual property, materials, information and ideas, including, but not limited to, such matters that are: (a) conveyed verbally and in writing during proprietary meetings or interviews; and (b) contained in, related to or associated with Offeror's proposal, including, but not limited to, written correspondence, designs, drawings, plans, exhibits, photographs, reports, printed material, tapes, electronic disks, or other graphic and visual aids (collectively "Offeror's Intellectual Property"); and

WHEREAS, VDOT is willing to provide a payment to Offeror, subject to the express conditions stated in this Agreement, to obtain certain rights in Offeror's Intellectual Property, provided that Offeror submits a proposal that VDOT determines to be responsive to the RFP ("Offeror's Proposal"), and either (a) Offeror is not awarded the Design-Build Contract; or (b) VDOT cancels the procurement or decides not to award the Design-Build Contract to any Offeror; and

WHEREAS, Offeror wishes to receive the payment offered by VDOT, in exchange for granting VDOT the rights set forth in this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth in this Agreement and other good and valuable consideration, the receipt and adequacy of which are acknowledged by the parties, the parties agree as follows:

1. **VDOT's Rights in Offeror's Intellectual Property**. Offeror hereby conveys to VDOT all rights, title and interest, free and clear of all liens, claims and encumbrances, in Offeror's Intellectual Property, which includes, without restriction or limitation, the right of VDOT, and anyone contracting with VDOT, to incorporate any ideas or information from Offeror's Intellectual Property into: (a) the Design-Build Contract and the Project; (b) any other contract awarded in reference to the Project; or (c) any subsequent procurement by VDOT. In receiving all rights, title and interest in Offeror's Intellectual Property, VDOT is deemed to own all intellectual property rights, copyrights, patents, trade secrets, trademarks, and service marks in Offeror's Intellectual Property, and Offeror agrees that it shall, at the request of VDOT, execute all papers and perform all other acts that may be necessary to ensure that VDOT's rights, title and interest in Offeror's Intellectual Property are protected. The rights conferred herein to VDOT include, without limitation, VDOT's ability to use Offeror's Intellectual Property without the obligation to notify or seek permission from Offeror.

2. **Exclusions from Offeror's Intellectual Property**. Notwithstanding Section 1 above, it is understood and agreed that Offeror's Intellectual Property is not intended to include, and Offeror does not convey any rights to, the Escrow Proposal Documents submitted by Offeror in accordance with the RFP.

3. **Proposal Payment**. VDOT agrees to pay Offeror the lump sum amount of **Twenty Five Thousand and 00/100 Dollars ($25,000.00)** ("Proposal Payment"), which payment constitutes payment in full to Offeror for the conveyance of Offeror's Intellectual Property to VDOT in accordance with this Agreement. Payment of the Proposal Payment is conditioned upon: (a) Offeror's Proposal being, in the sole discretion of VDOT, responsive to the RFP; (b) Offeror complying with all other terms and conditions of this Agreement; and (c) either (i) Offeror is not awarded the Design-Build Contract, or (ii) VDOT cancels the procurement or decides not to award the Design-Build Contract to any Offeror.

4. **Payment Due Date**. Subject to the conditions set forth in this Agreement, VDOT will make payment of the Proposal Payment to the Offeror within forty-five (45) days after the later of: (a) notice from VDOT that it has awarded the Design-Build Contract to another Offeror; or (b) notice from VDOT that the procurement for the Project has been cancelled and that there will be no Contract Award.

5. **Effective Date of this Agreement**. The rights and obligations of VDOT and Offeror under this Agreement, including VDOT's ownership rights in Offeror's Intellectual Property, vests upon the date that Offeror's Proposal is submitted to VDOT. Notwithstanding the above, if Offeror's Proposal is determined by VDOT, in its sole discretion, to be nonresponsive to the RFP, then Offeror is deemed to have waived its right to obtain the Proposal Payment, and VDOT shall have no obligations under this Agreement.

6. Indemnity. Subject to the limitation contained below, Offeror shall, at its own expense, indemnify, protect and hold harmless VDOT and its agents, directors, officers, employees, representatives and contractors from all claims, costs, expenses, liabilities, demands, or suits at law or equity ("Claims") of, by or in favor of or awarded to any third party arising in whole or in part from: (a) the negligence or wilful misconduct of Offeror or any of its agents, officers, employees, representatives or subcontractors; or (b) breach of any of Offeror's obligations under this Agreement, including its representation and warranty under Section 8 hereof. This indemnity shall not apply with respect to any Claims caused by or resulting from the sole negligence or wilful misconduct of VDOT, or its agents, directors, officers, employees, representatives or contractors.

7. Assignment. Offeror shall not assign this Agreement, without VDOT's prior written consent, which consent may be given or withheld in VDOT's sole discretion. Any assignment of this Agreement without such consent shall be null and void.

8. Authority to Enter into this Agreement. By executing this Agreement, Offeror specifically represents and warrants that it has the authority to convey to VDOT all rights, title, and interest in Offeror's Intellectual Property, including, but not limited to, those any rights that might have been vested in team members, subcontractors, consultants or anyone else who may have contributed to the development of Offeror's Intellectual Property, free and clear of all liens, claims and encumbrances.

9. Miscellaneous.

a. Offeror and VDOT agree that Offeror, its team members, and their respective employees are not agents of VDOT as a result of this Agreement.

b. Any capitalized term used herein but not otherwise defined shall have the meanings set forth in the RFP.

c. This Agreement, together with the RFP, embodies the entire agreement of the parties with respect to the subject matter hereof. There are no promises, terms, conditions, or obligations other than those contained herein or in the RFP, and this Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties hereto.

d. It is understood and agreed by the parties hereto that if any part, term, or provision of this Agreement is by the courts held to be illegal or in conflict with any law of the Commonwealth of Virginia, validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provisions to be invalid.

e. This Agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia.

IN WITNESS WHEREOF, this Agreement has been executed and delivered as of the day and year first above written.

VIRGINIA DEPARTMENT OF TRANSPORTATION

By: _____

Name: _____

Title: _____

ALLAN MYERS VA, INC.

By: _____

Name: Aaron T. Myers

Title: Vice President/General Manager

Appendix 4.1.8
Certification Regarding Debarment Forms

ATTACHMENT 11.8.6(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.

b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; and have not been convicted of any violations of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;

c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1) b) of this certification; and

d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

Signature Aaron T. Myers — Date 07/13/2015 — Vice President/General Manager Title

ALLAN MYERS VA, INC.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	June 26, 2015	President
Signature	Date	Title

Froehling & Robertson, Inc.

Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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6/5/2015 Principal Geotechnical Engineer

Signature Date Title

D. Mark Scholefield, P.E.

Geotechnical Environmental and Testing Solutions, Inc. dba GET Solutions, Inc.

Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

_____	June 26, 2015	Vice President
Signature	Date	Title

Kimley-Horn and Associates, Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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Signature	Date	Title
	June 26, 2015	President

Precision Measurements, Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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Ken Patashnick 5/7/15 Co-President

Signature Date Title

PRR, Inc.

Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	June 8, 2015	President
Signature	Date	Title

Quinn Consulting Services, Inc.
Name of Firm

ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

Signature July 24, 2015 Date

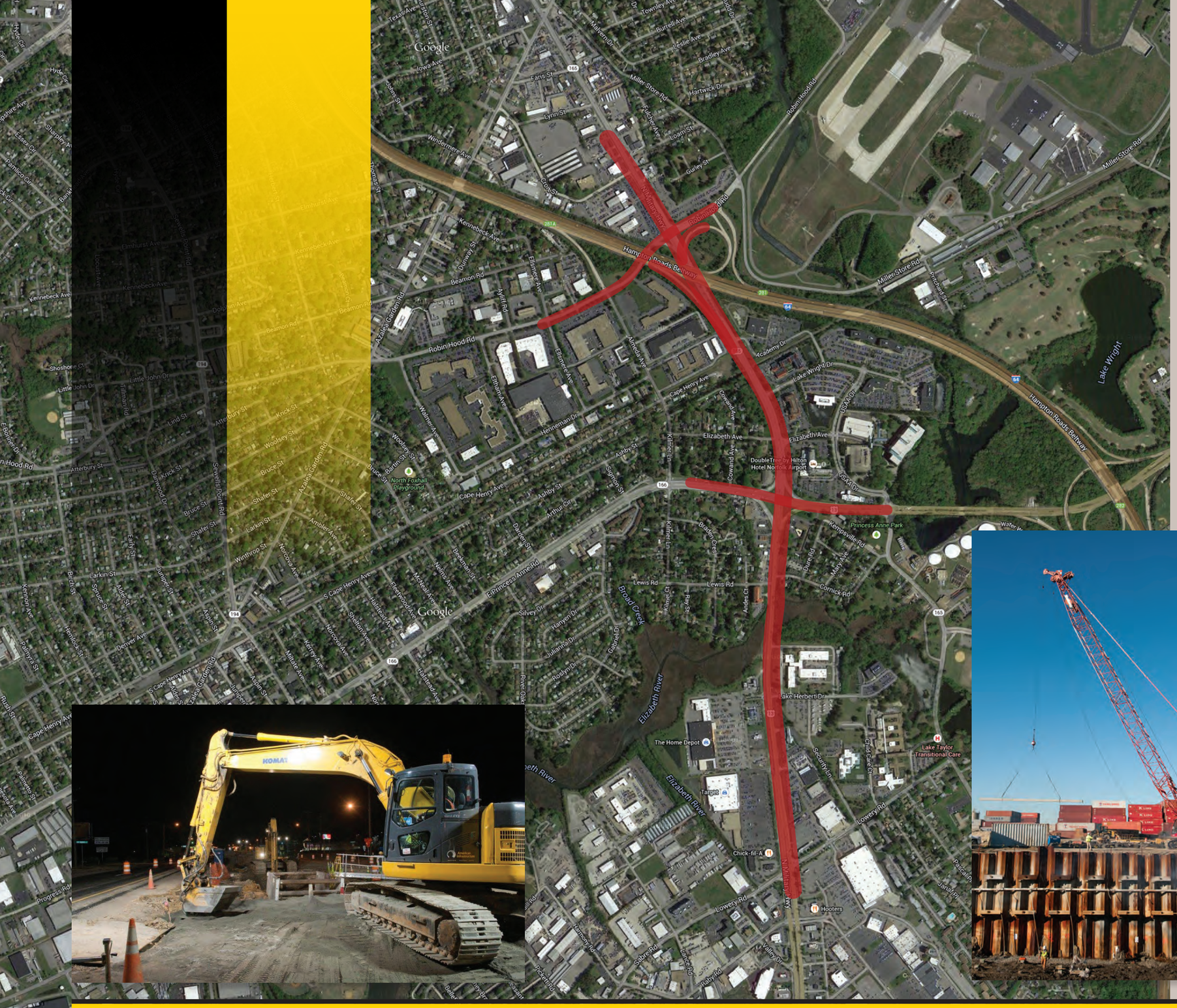
Assistant Director of Transportation / Principal
Title General Manager, Richmond Office

Rinker Design Associates, P.C.
Name of Firm

Allan Myers
301 Concourse Boulevard
Suite 300
Glen Allen, VA 23059
804-290-8500

Kimley-Horn and Associates, Inc.
4500 Main Street
Suite 500
Virginia Beach, VA 23462
(757) 213-8600

Rinker Design Associates, P.C.
4301 Dominion Blvd.
Suite 100
Glen Allen, VA 23060
804-612-0665



VDOT
Virginia Department of Transportation

Letter of Submittal and Attachments Volume II

A DESIGN-BUILD PROJECT

Military Highway Continuous Flow Intersection

From: 0.023 Miles South of Lowery Rd.

To: 0.230 Miles North of Interstate 64

Norfolk, Virginia

State Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

Federal Project No.: STP-5A03 (755)

Contract ID Number: C00001765DB81

Date: July 27, 2015

ALLAN MYERS

Kimley»Horn

rda

4.2.2
Roadway Plan View

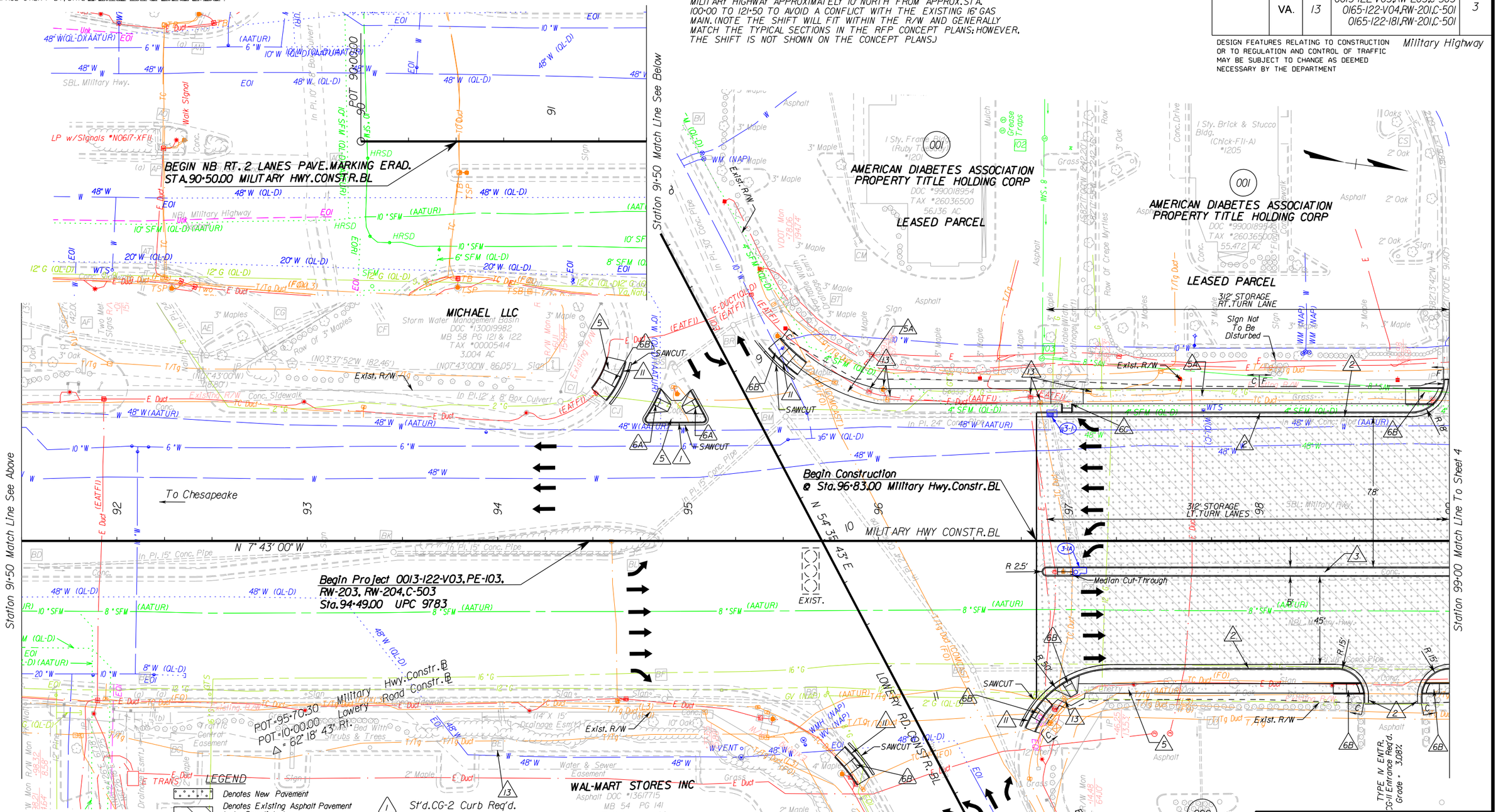
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Doney Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY Kimley-Horn (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	3

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway

NOTES:
1. THE ALLAN MYERS TEAM PROPOSES TO SHIFT THE ALIGNMENT OF MILITARY HIGHWAY APPROXIMATELY 10' NORTH FROM APPROX. STA. 100+00 TO 121+50 TO AVOID A CONFLICT WITH THE EXISTING 16" GAS MAIN. (NOTE THE SHIFT WILL FIT WITHIN THE R/W AND GENERALLY MATCH THE TYPICAL SECTIONS IN THE RFP CONCEPT PLANS; HOWEVER, THE SHIFT IS NOT SHOWN ON THE CONCEPT PLANS.)



Utility Conflicts Notes & Callouts

- Potential Sanitary Sewer Reloc.
- Potential Water Line Reloc.
- Potential Gas Line Reloc.
- Potential Electrical Reloc.
- Potential Telecom. Reloc.

LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
- Mill & Overlay
- Denotes Concrete Items
- Proposed Modular Paving Units
- C — Denotes Construction Limits in Cuts
- F — Denotes Construction Limits in Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements.

1. St'd. CG-2 Curb Req'd.
2. St'd. CG-6 Curb & Gutter Req'd.
3. St'd. MS-1A Median Req'd.
5. 5' Conc. Sidewalk Req'd.
5A. 8' Conc. Sidewalk Req'd.
6A. St'd. CG-12A Curb Ramp Req'd.
6B. St'd. CG-12B Req'd.
6C. St'd. CG-12C Req'd.
11. St'd. Rad. CG-6 Curb & Gutter Req'd.
13. Adj Utility to Grade

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION
DATE: 07/27/15

SCALE	PROJECT	SHEET NO.
0 25' 50'	0013-122-V03	3

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7/23/2015 3:33:40 PM brianupchurch

7/23/2015 K:\RIC_RDWY\103130011_MilitaryHighway\CFI\CADD\REF\Sheets\Concept_Plans\d31300103.dgn

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY Kimley-Horn and Associates, Inc (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	3A

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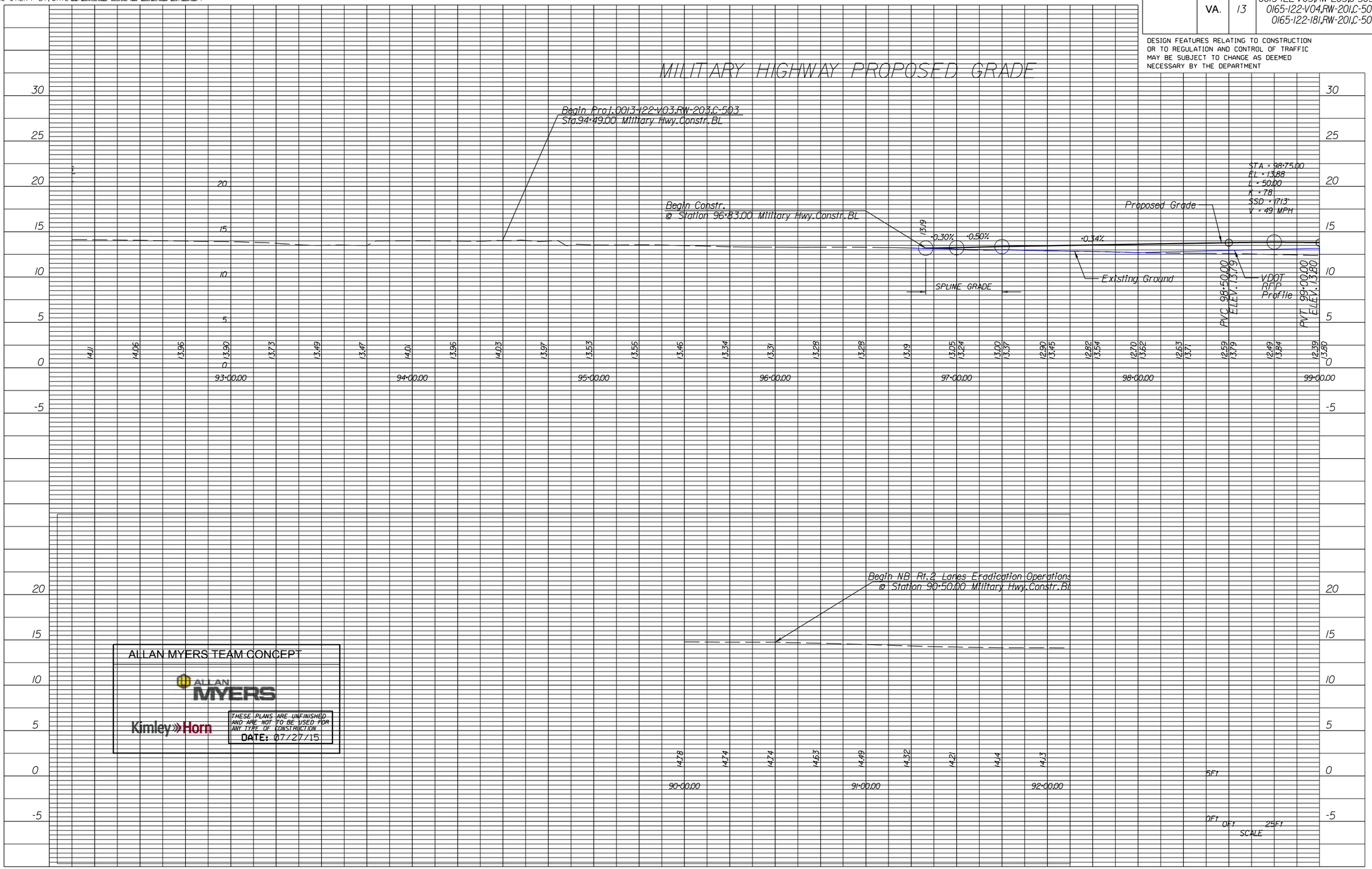

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

PROJECT	SHEET NO.
0013-122-V03	3A

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Doug Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY Kimley-Horn (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100, 03/24/2015

NOTES:
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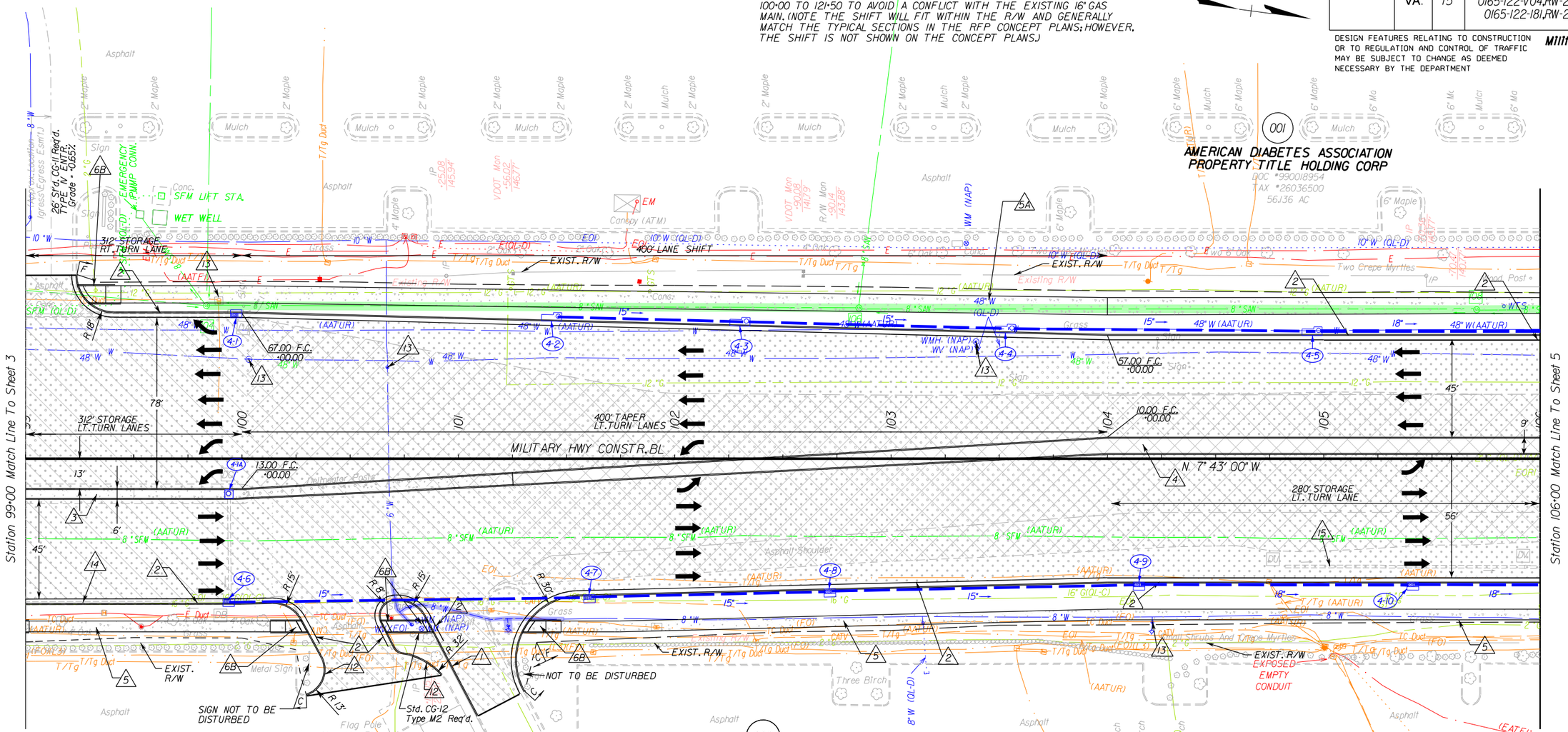
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03, RW-203, C-503 0165-122-V04, RW-201, C-501 0165-122-181, RW-201, C-501	4

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway



1. St'd.CG-2 Curb Req'd.
2. St'd.CG-6 Curb & Gutter Req'd.
3. St'd.MS-1A Median Req'd.
4. St'd.MS-2 Median Req'd.
5. 5' Conc. Sidewalk Req'd.
6A. St'd.CG-12A Curb Ramp Req'd.
6B. St'd.CG-12B Req'd.
6C. St'd.CG-12C Req'd.
11. St'd.Rad.CG-6 Curb & Gutter
12. St'd Rad.CG-2 Curb
5A. 8' Conc. Sidewalk Req'd.
13. Adj. Utility to Grade
14. PIPE TO BE ABANDONED

LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
- Mill & Overlay
- Denotes Concrete Items
- Proposed Modular Paving Units
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements.

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION
DATE: 07/27/15

SCALE	PROJECT	SHEET NO.
0 25' 50'	0013-122-V03	4

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7/23/2015

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PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY Kimley-Horn and Associates, Inc (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	4A

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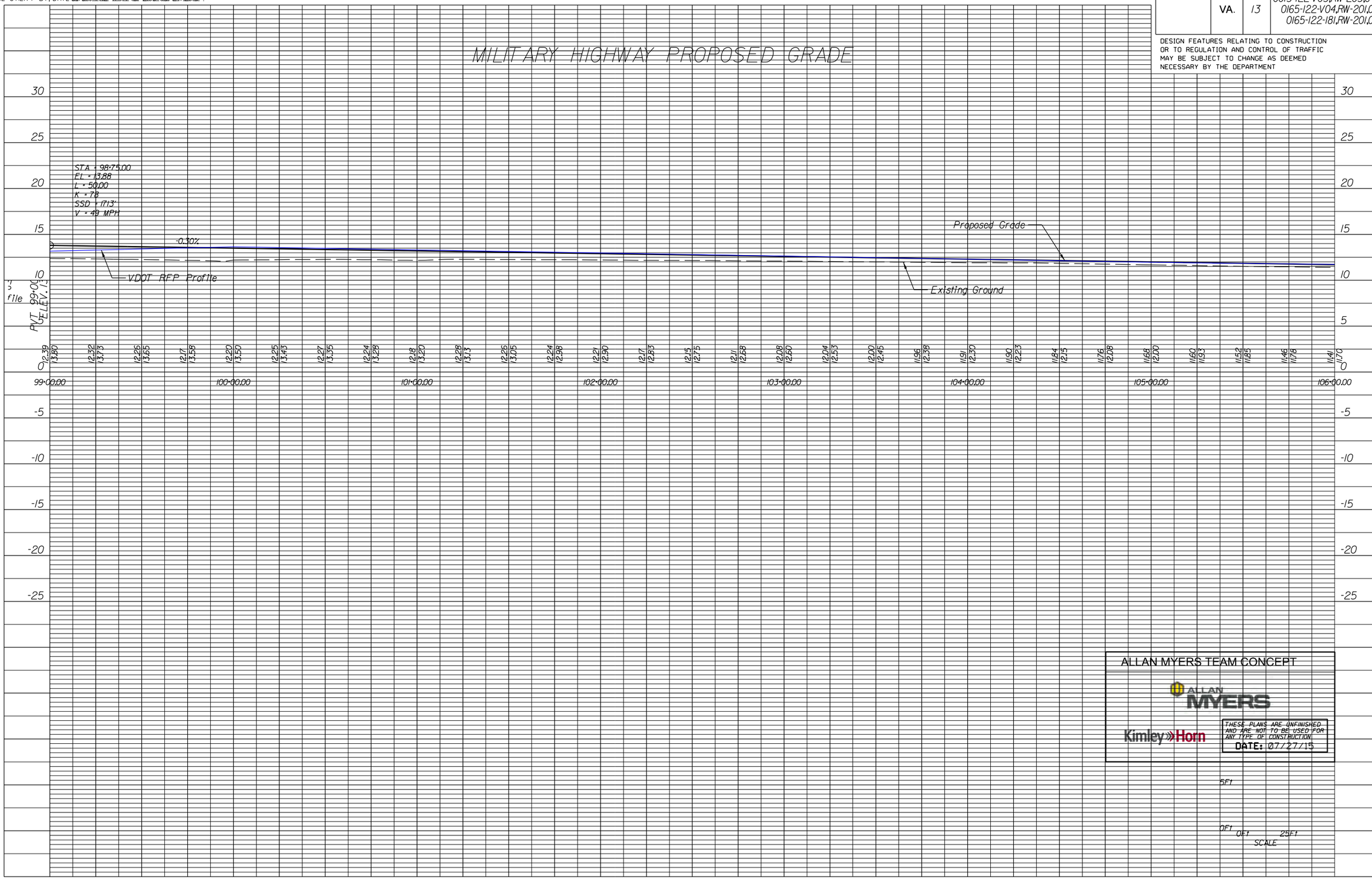

PROJECT	SHEET NO.
0013-122-V03	4A

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7/23/2015

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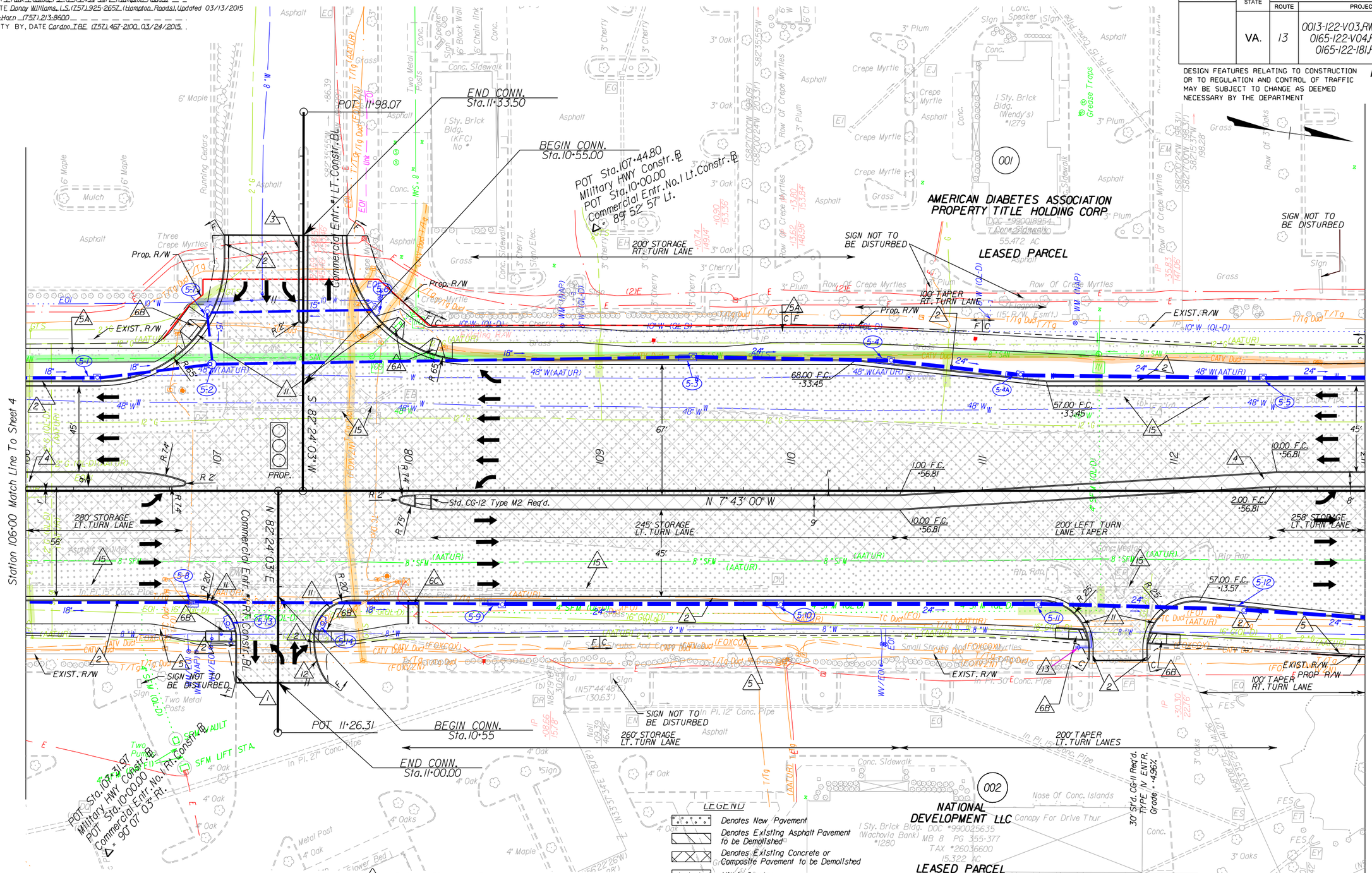
DESIGN BY Kimley-Horn (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100, 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03, RW-203, C-503 0165-122-V04, RW-201, C-501 0165-122-181, RW-201, C-501	5

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway



LEGEND

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1	St'd.CG-2 Curb Req'd.	6A	St'd.CG-12A Curb Ramp Req'd.
2	St'd.CG-6 Curb & Gutter Req'd.	6B	St'd.CG-12B Req'd.
3	St'd.MS-1A Median Req'd.	6C	St'd.CG-12C Req'd.
4	St'd.MS-2 Median Req'd.	11	St'd.Rad.CG-6 Curb & Gutter Req'd.
5	5' Conc. Sidewalk Req'd.	12	St'd.Rad.CG-2 Curb Req'd.
5A	8' Conc. Sidewalk Req'd.	13	Adj Utility to Grade
		15	Pipe to be Removed

NOTES:
1. THE ALLAN MYERS TEAM PROPOSES TO SHIFT THE ALIGNMENT OF MILITARY HIGHWAY APPROXIMATELY 10' NORTH FROM APPROX. STA. 100+00 TO 121+50 TO AVOID A CONFLICT WITH THE EXISTING 16" GAS MAIN. (NOTE THE SHIFT WILL FIT WITHIN THE R/W AND GENERALLY MATCH THE TYPICAL SECTIONS IN THE RFP CONCEPT PLANS; HOWEVER, THE SHIFT IS NOT SHOWN ON THE CONCEPT PLANS.

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

SCALE	PROJECT	SHEET NO.
0 25' 50'	0013-122-V03	5

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7/23/2015 3:33:47 PM brianmcdaniel
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PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY Kimley-Horn and Associates, Inc (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	5A

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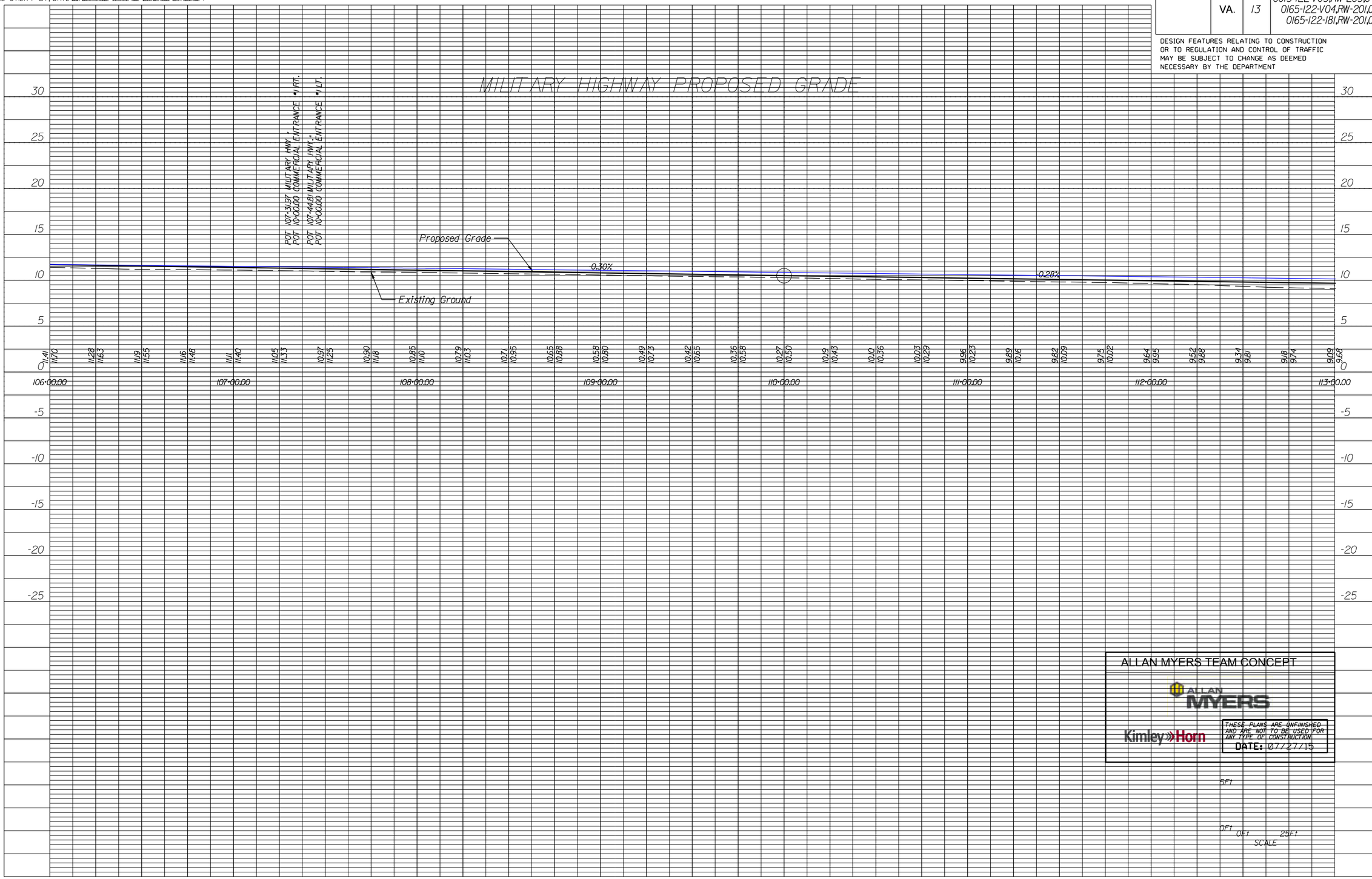

PROJECT	SHEET NO.
0013-122-V03	5A

7/23/2015
3:33:49 PM brianmcdevers
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7/23/2015

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Doney Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
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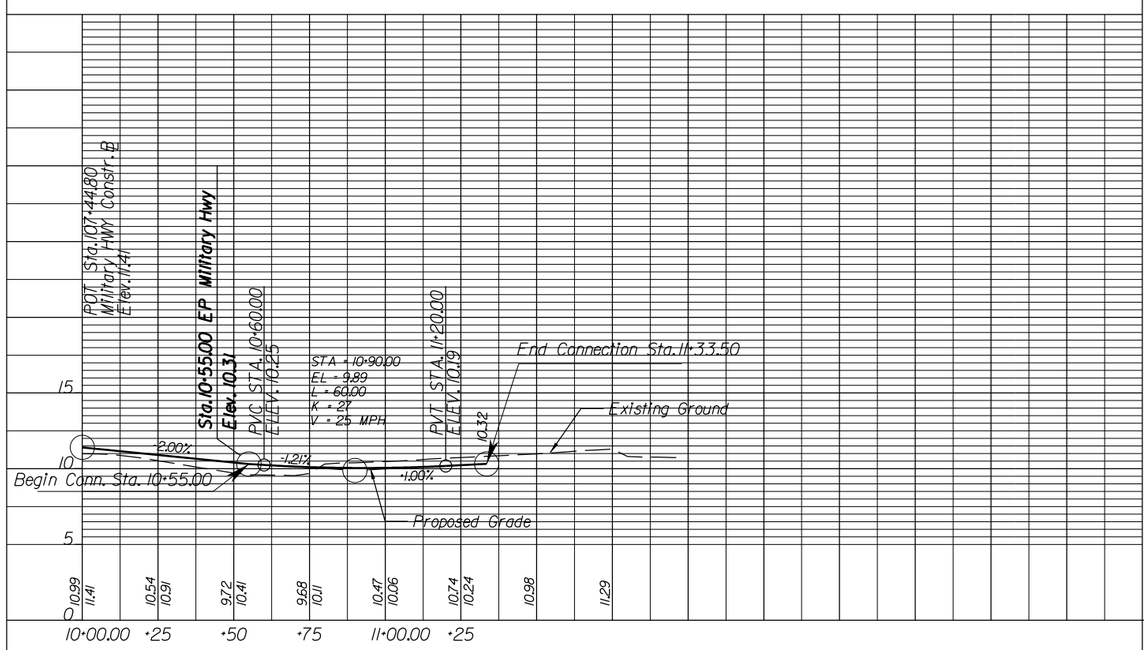
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

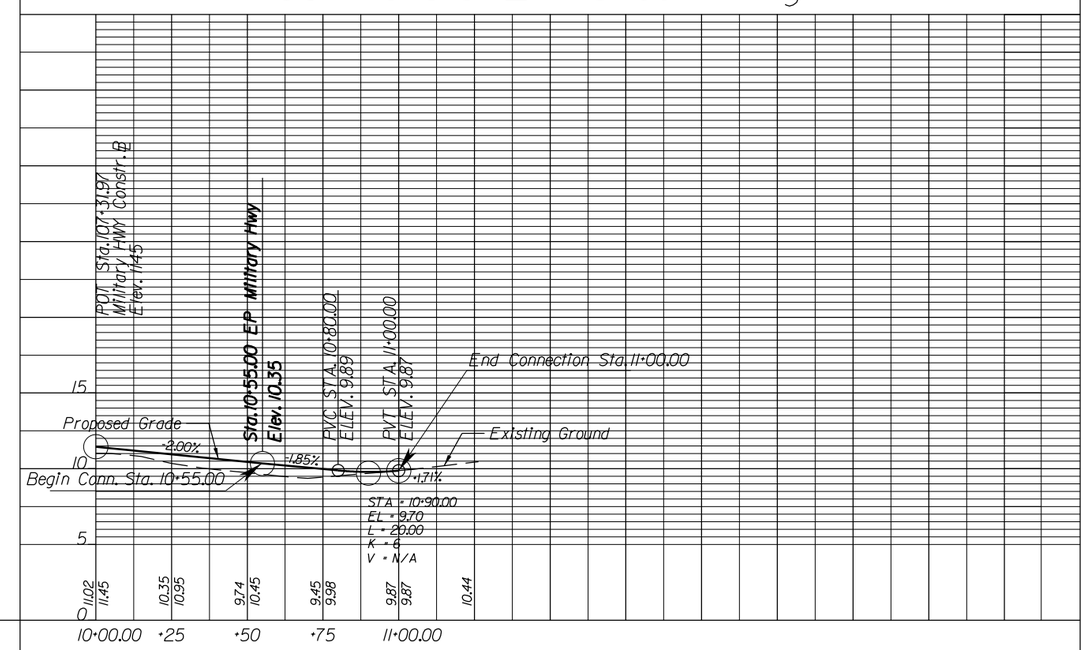
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	5B

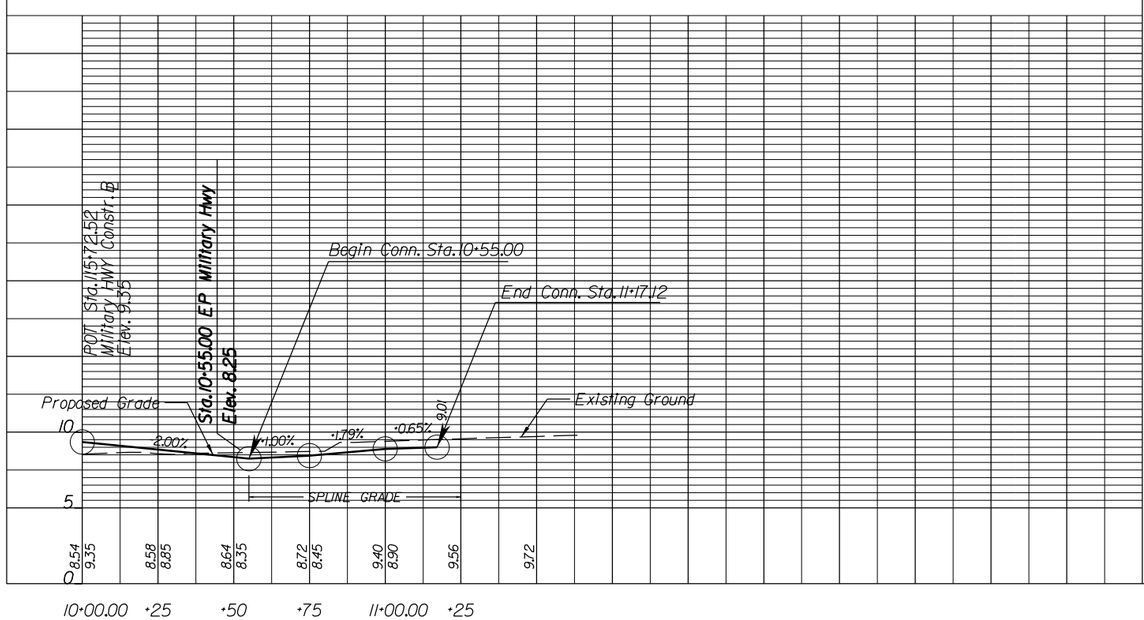
Commercial Entrance #1 Left (See Plan Sheet 5)



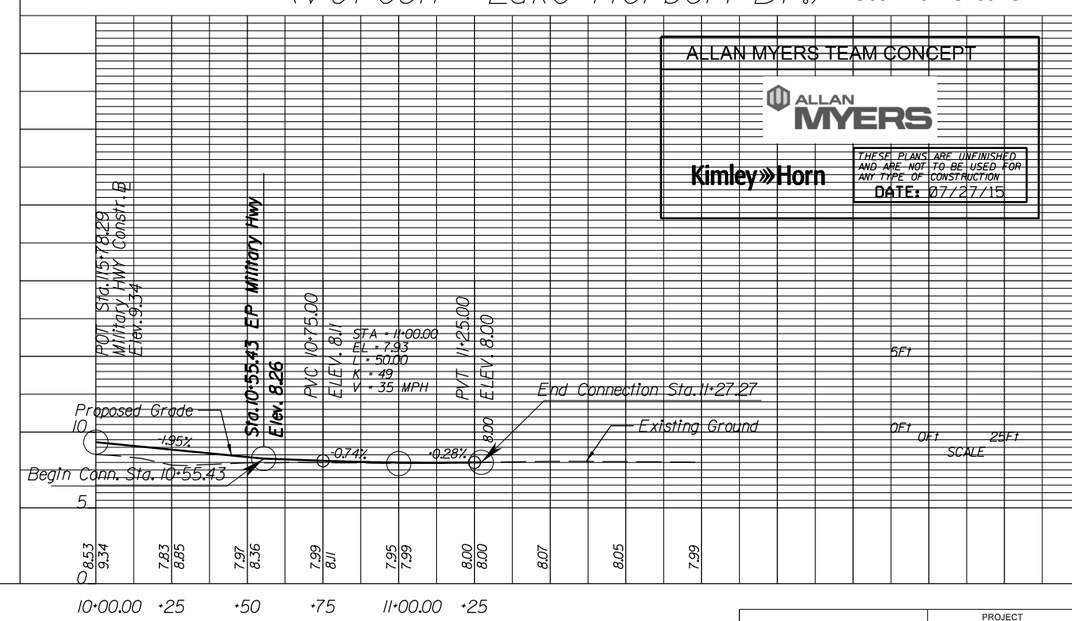
Commercial Entrance #1 Right (See Plan Sheet 5)



Commercial Entrance #2 Left (See Plan Sheet 6)



Commercial Entrance #2 Right (VoTech - Lake Herbert Dr.) (See Plan Sheet 6)



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION
DATE: 07/27/15

5Ft 0Ft 0Ft 25Ft
SCALE

PROJECT	SHEET NO.
0013-122-V03	5B

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7/23/2015 3:33:49 PM brianupchers

7/23/2015 K:\RIC_RDWY\I013\3001_MilitaryHIghwayCF\CADD\REF\Sheets\Concept_Plans\d313001b5.dgn

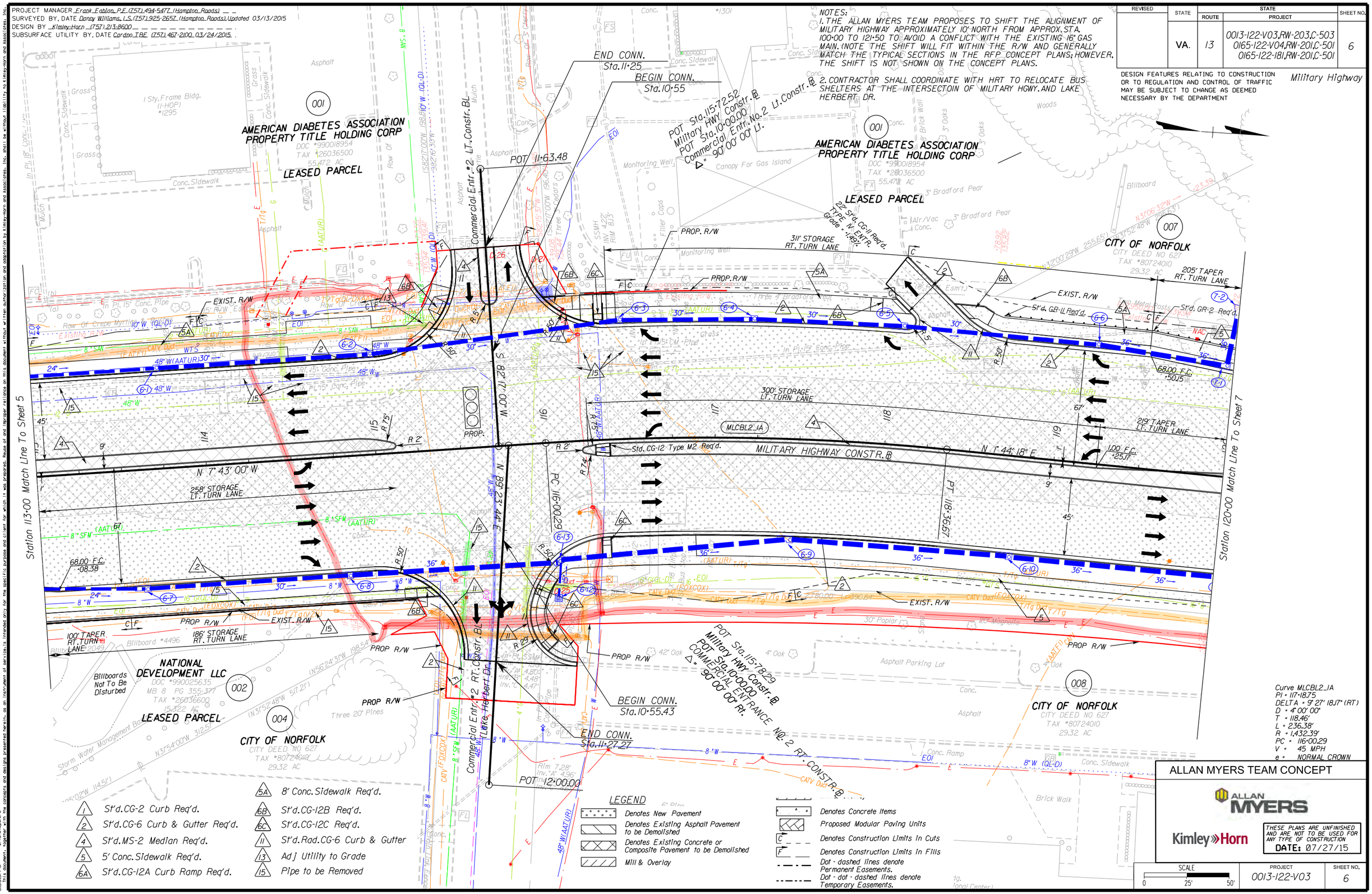
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Donny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY Kimley-Horn (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	6

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway

NOTES:
1. THE ALLAN MYERS TEAM PROPOSES TO SHIFT THE ALIGNMENT OF MILITARY HIGHWAY APPROXIMATELY 10' NORTH FROM APPROX. STA. 100+00 TO 121+50 TO AVOID A CONFLICT WITH THE EXISTING 16" GAS MAIN. (NOTE THE SHIFT WILL FIT WITHIN THE R/W AND GENERALLY MATCH THE TYPICAL SECTIONS IN THE RFP CONCEPT PLANS; HOWEVER, THE SHIFT IS NOT SHOWN ON THE CONCEPT PLANS.
2. CONTRACTOR SHALL COORDINATE WITH HRT TO RELOCATE BUS SHELTERS AT THE INTERSECTOIN OF MILITARY HGWY. AND LAKE HERBERT DR.



LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
- Mill & Overlay
- Denotes Concrete Items
- Proposed Modular Paving Units
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements.

1. St'd.CG-2 Curb Req'd.
2. St'd.CG-6 Curb & Gutter Req'd.
4. St'd.MS-2 Median Req'd.
5. 5' Conc. Sidewalk Req'd.
6A. St'd.CG-12A Curb Ramp Req'd.
5A. 8' Conc. Sidewalk Req'd.
6B. St'd.CG-12B Req'd.
6C. St'd.CG-12C Req'd.
11. St'd.Rad.CG-6 Curb & Gutter
13. Adj Utility to Grade
15. Pipe to be Removed

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION
DATE: 07/27/15

SCALE	PROJECT	SHEET NO.
0 25' 50'	0013-122-V03	6

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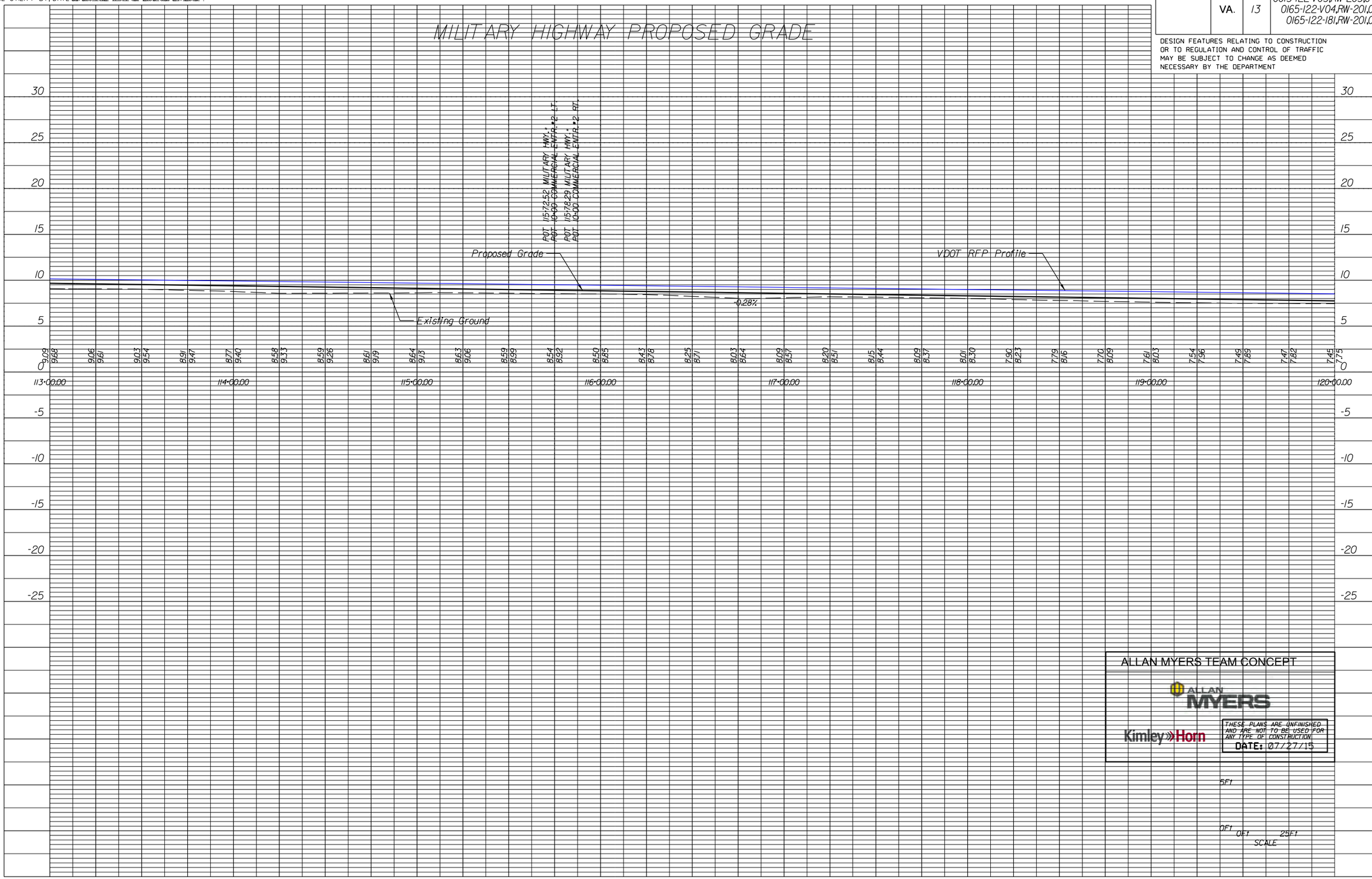
3:33:51 PM brianrogers
7/23/2015
7/23/2015
K:\RIC_RDWY\101031300_MilitaryHighway\CF\CADD\REF\Sheets\Concept_Plans\d31300106.dgn

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY Kimley-Horn and Associates, Inc (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	6A

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



PROJECT	SHEET NO.
0013-122-V03	6A

7/23/2015 3:33:53 PM briancarter
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ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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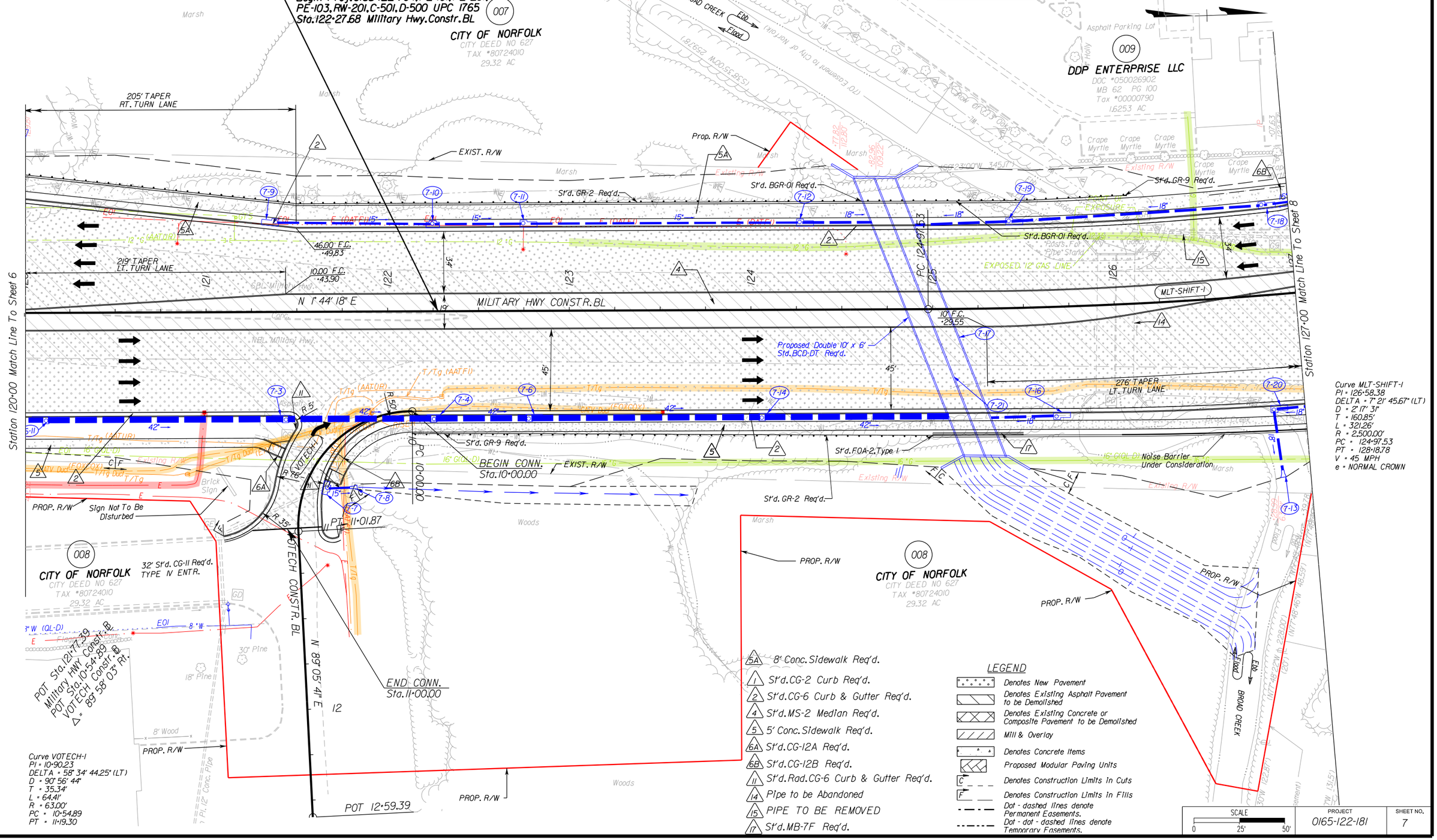
	VA.	165	0013-122-V03, RW-203, C-503 0165-122-V04, RW-201, C-501 0165-122-181, RW-201, C-501	7

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway



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	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	7A

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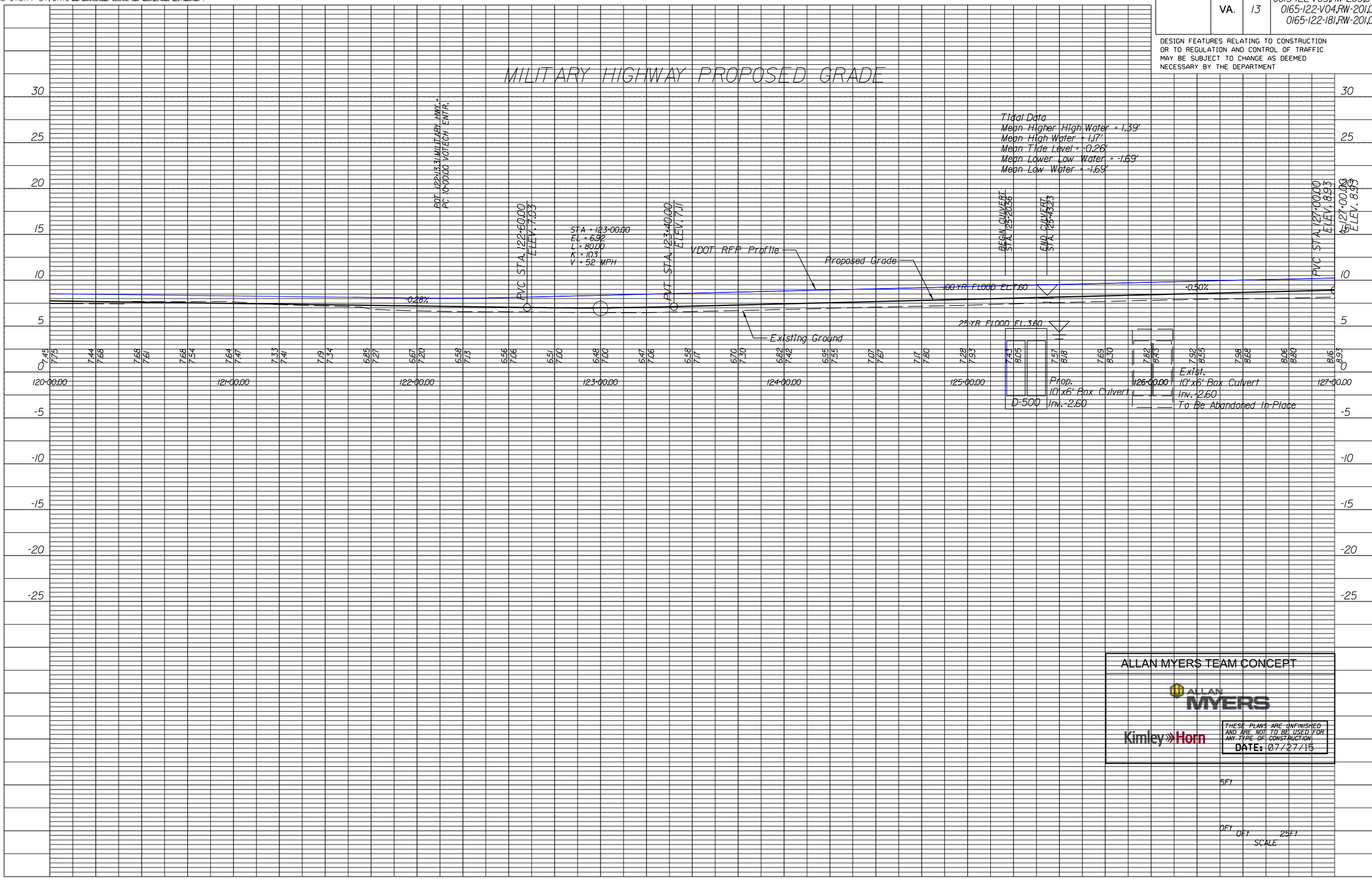

PROJECT	SHEET NO.
0013-122-V03	7A

7/23/2015 3:33:57 PM brianunders
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	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	7B

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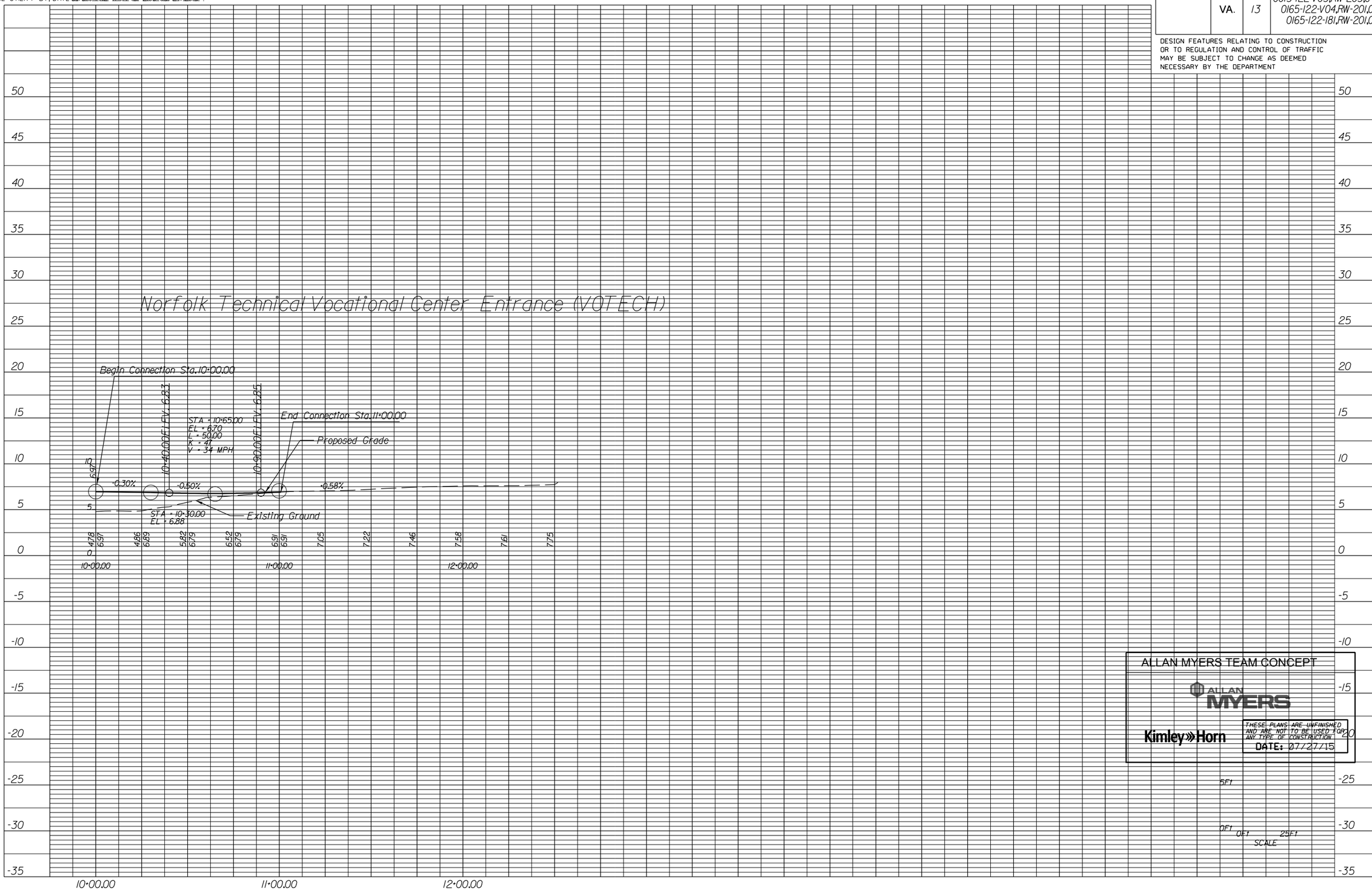

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

5Ft
0Ft 0Ft 25Ft
SCALE

PROJECT	SHEET NO.
0013-122-V03	7B

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ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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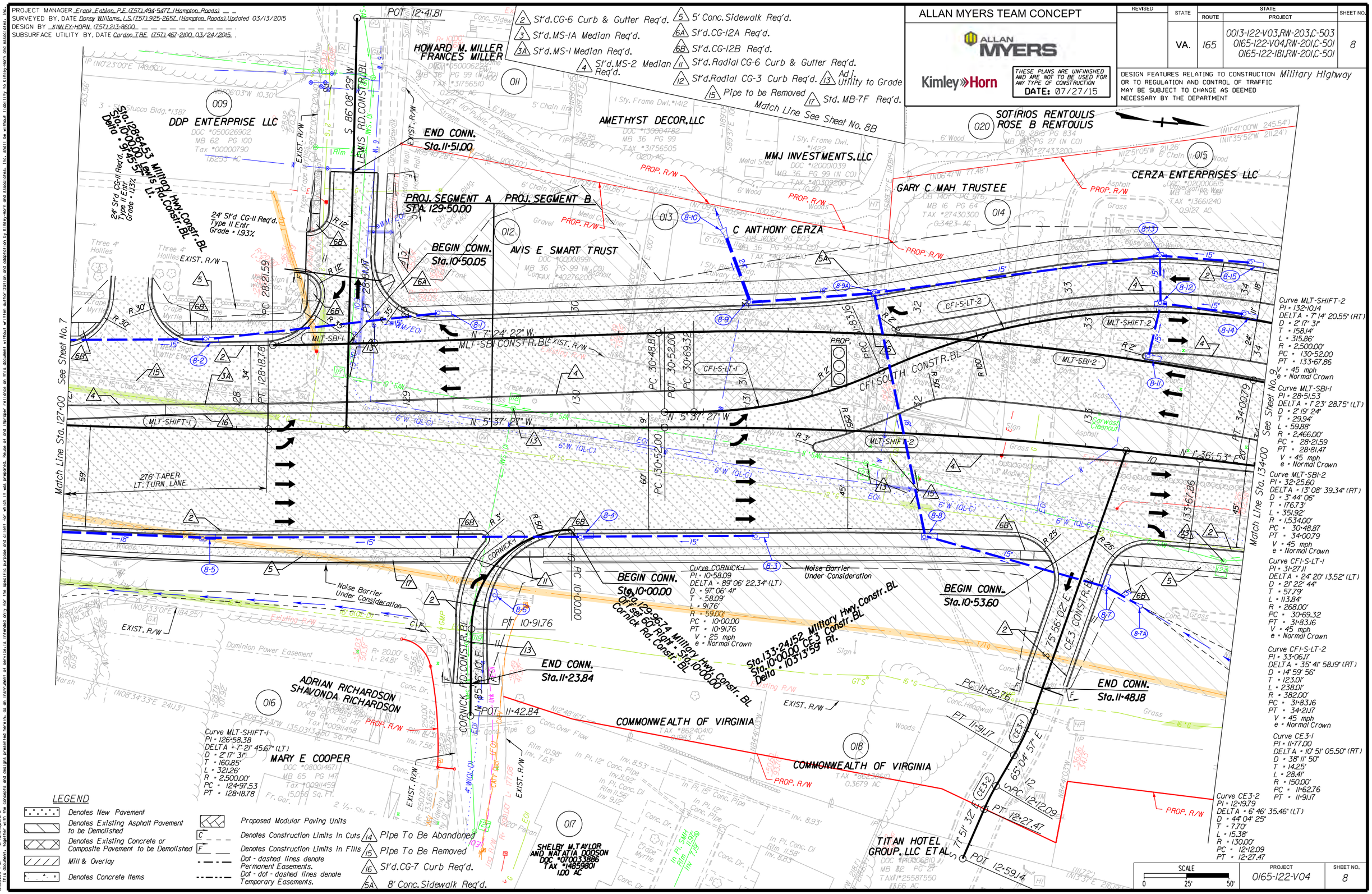
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	8

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT Military Highway

2 St'd.CG-6 Curb & Gutter Req'd.
3 St'd.MS-1A Median Req'd.
3A St'd.MS-1 Median Req'd.
4 St'd.MS-2 Median Req'd.
5 5' Conc.Sidewalk Req'd.
6A St'd.CG-12A Req'd.
6B St'd.CG-12B Req'd.
11 St'd.Radial CG-6 Curb & Gutter Req'd.
12 St'd.Radial CG-3 Curb Req'd.
13 Adj. Utility to Grade
15 Pipe to be Removed
17 Std. MB-7F Req'd.

Match Line See Sheet No. 8B



LEGEND

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- Denotes Concrete Items
- Proposed Modular Paving Units
- C — Denotes Construction Limits In Cuts
- F — Denotes Construction Limits In Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements.
- 14 Pipe To Be Abandoned
- 15 Pipe To Be Removed
- 16 St'd.CG-7 Curb Req'd.
- 5A 8' Conc.Sidewalk Req'd.

PROJECT	SHEET NO.
0165-122-V04	8

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7/23/2015 3:33:59 PM brianpeters

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SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	8A

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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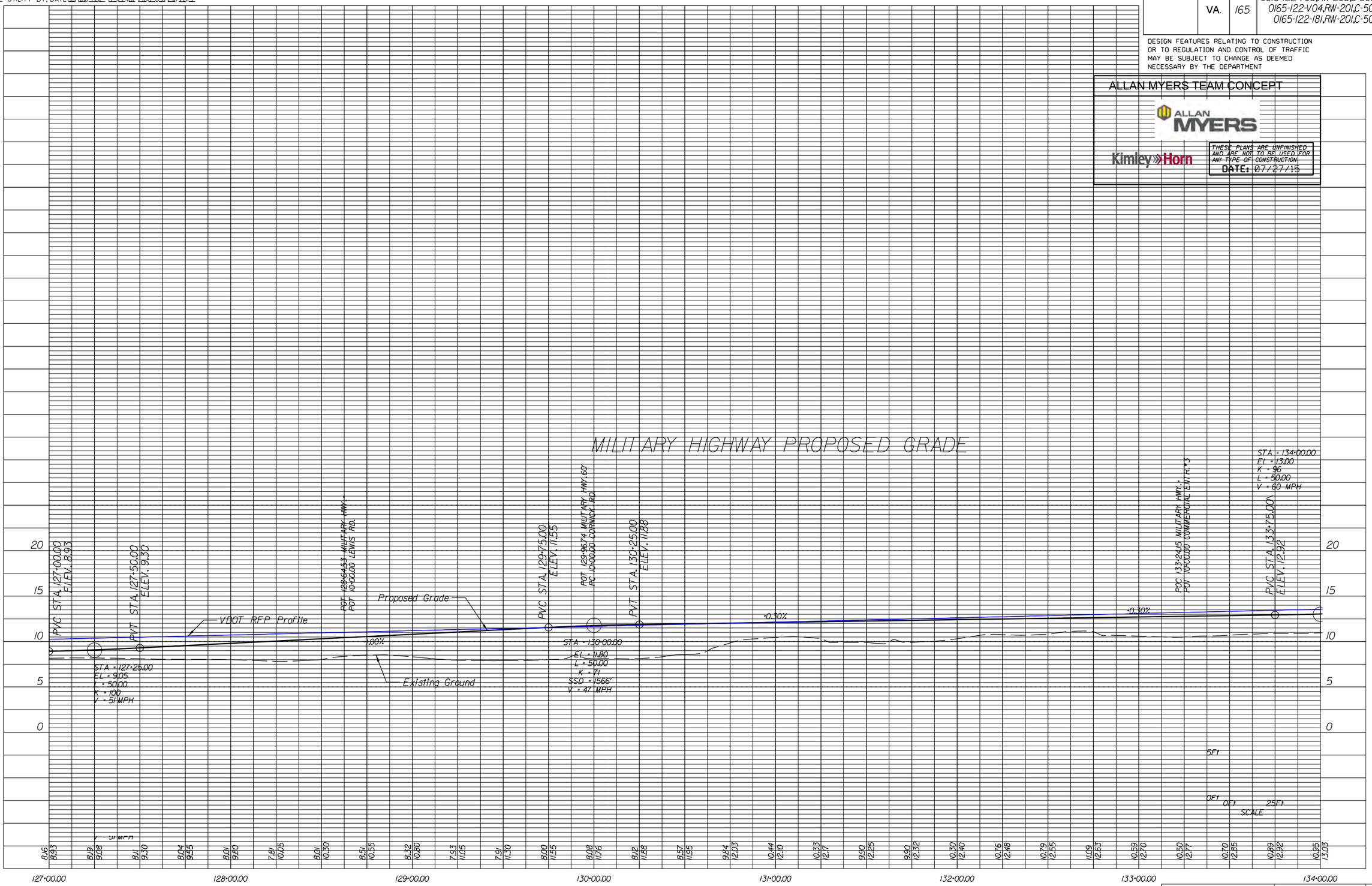

PROJECT	SHEET NO.
0165-122-V04	8A

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3:34:02 PM brianpeters
7/23/2015

7/23/2015

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	8B

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

LEGEND

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ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-V04	8B

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brianumpenhour
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	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	8C

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

LEWIS ROAD
CORNICK ROAD
COMMERCIAL ENTRANCE 3

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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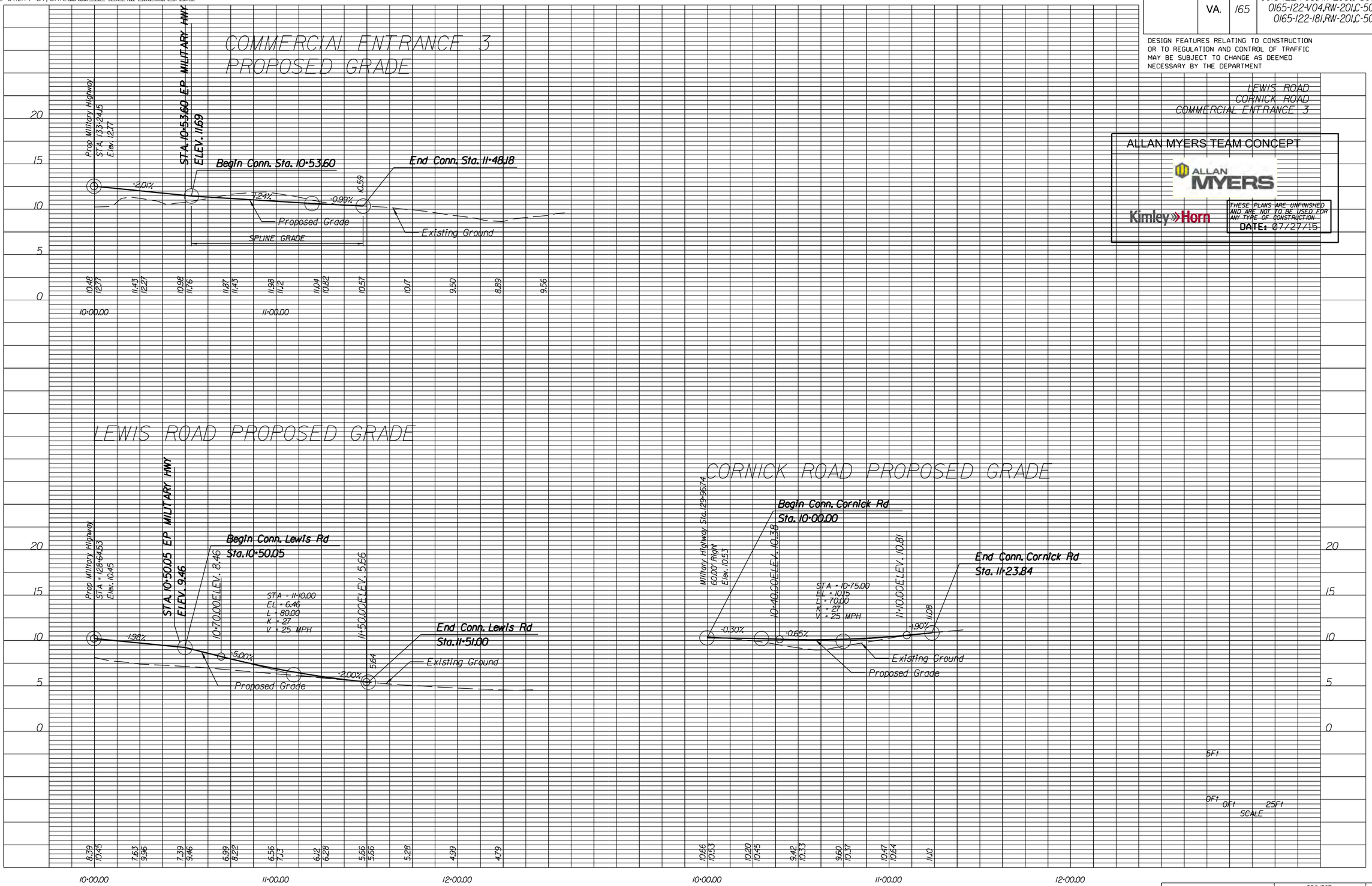

PROJECT	SHEET NO.
0165-122-V04	8C

brianumpleby
3:34:06 PM 7/23/2015
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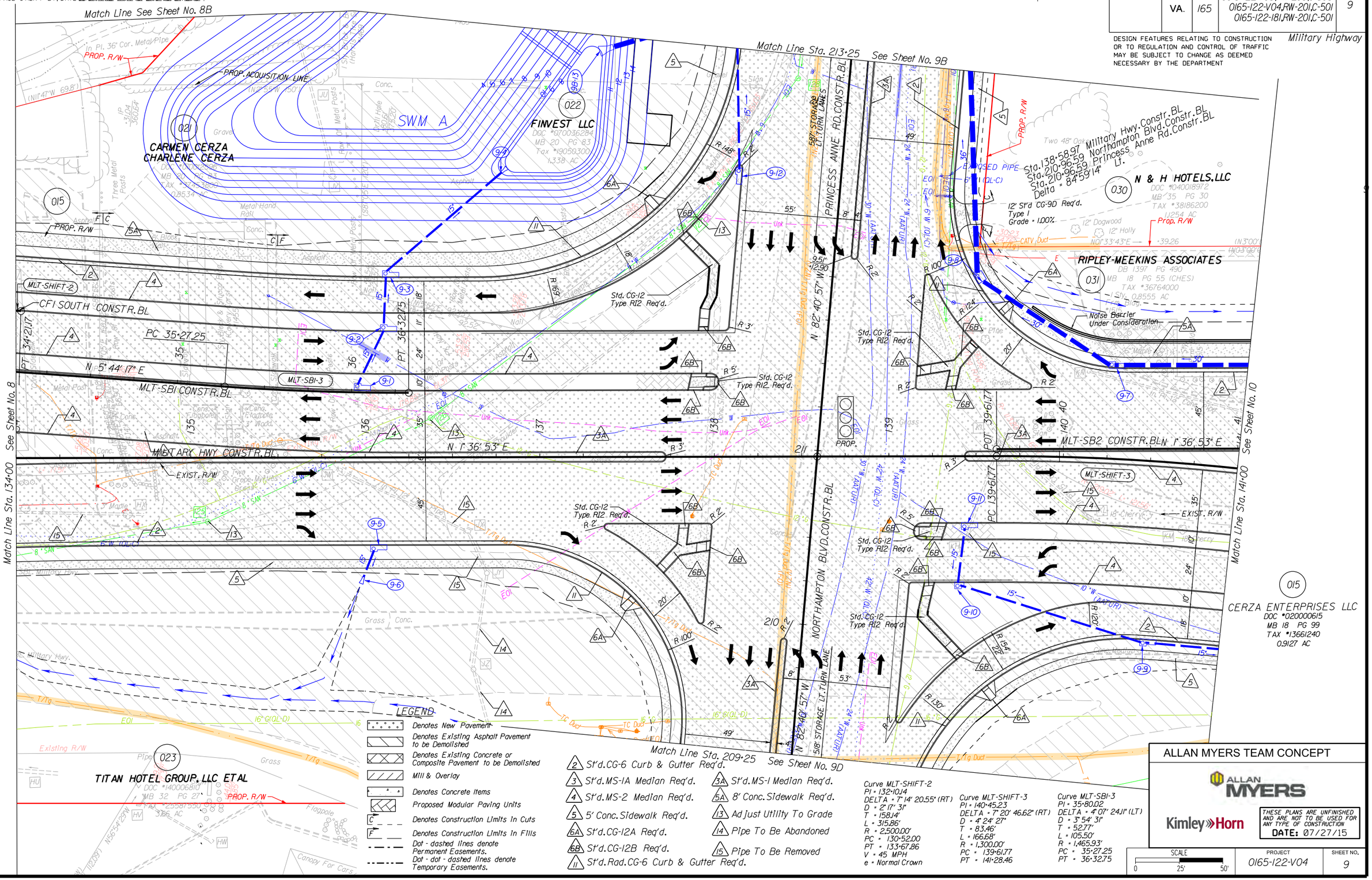
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	9

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway



LEGEND

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2 St'd.CG-6 Curb & Gutter Req'd.
3 St'd.MS-1A Median Req'd.
3A St'd.MS-1 Median Req'd.
4 St'd.MS-2 Median Req'd.
5A 8' Conc. Sidewalk Req'd.
5 5' Conc. Sidewalk Req'd.
13 Adjust Utility To Grade
6A St'd.CG-12A Req'd.
14 Pipe To Be Abandoned
6B St'd.CG-12B Req'd.
15 Pipe To Be Removed
11 St'd.Rad.CG-6 Curb & Gutter Req'd.

Curve MLT-SHIFT-2
PI = 132+10.14
DELTA = 7°14' 20.55" (RT)
D = 2°17' 31"
T = 158.14'
L = 315.86'
R = 2,500.00'
PC = 130+52.00
PT = 133+67.86
V = 45 MPH
e = Normal Crown

Curve MLT-SHIFT-3
PI = 140+45.23
DELTA = 7°20' 46.62" (RT)
D = 4°24' 27"
T = 83.46'
L = 166.68'
R = 1,300.00'
PC = 139+61.77
PT = 141+28.46

Curve MLT-SBI-3
PI = 35+80.02
DELTA = 4°07' 24.11" (LT)
D = 3°54' 31"
T = 52.77'
L = 105.50'
R = 1,465.93'
PC = 35+27.25
PT = 36+32.75

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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0 25' 50'	0165-122-V04	9

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MILITARY HIGHWAY
PRINCESS ANNE ROAD/
NORTHAMPTON BLVD

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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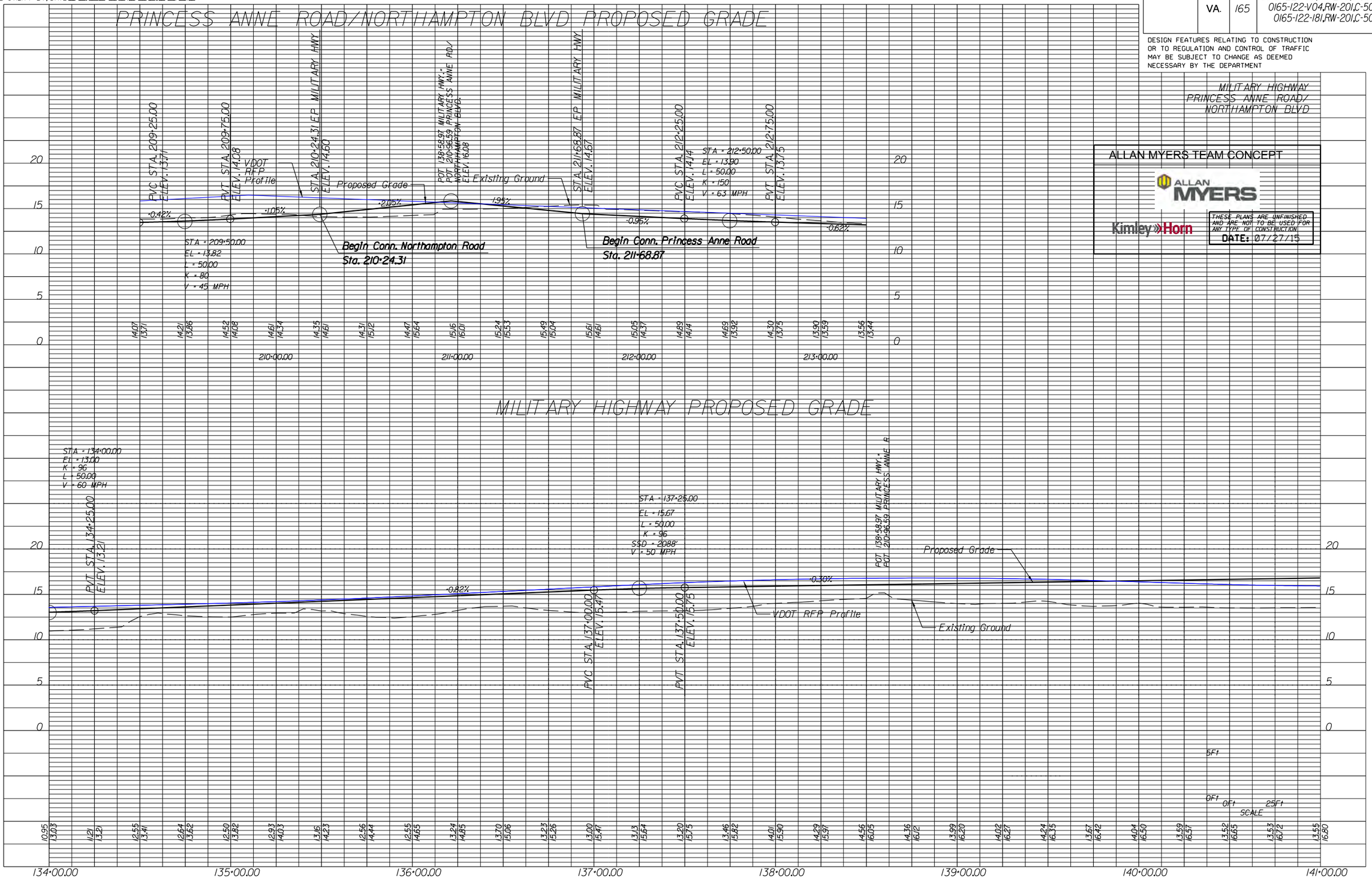

PROJECT	SHEET NO.
0165-122-V04	9A

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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Princess Anne Road

13 Adjust Utility To Grade
14 Pipe To Be Abandoned
15 Pipe To Be Removed
3A St'd. MS-1 Req'd.

Match Line See Sheet No. 8B

Match Line Sta. 213+25 See Sheet No. 9

FINVEST INC (042)
FINVEST LLC (022)
SWM A
GLORIA J. SIMPKINS (024)
JUAN CARLOS DEL CID (025)
PURA M DECLET HARRY DECLET GARCIA (026)
ZENOVIEA ZOGRAFOS DANIEL A NICULAE
COMMONWEALTH OF VIRGINIA
COMMONWEALTH OF VIRGINIA
N & H HOTELS, LLC (030)
JAMES J HIGHTOWER (029)
LINDA B FARRIS (028)
ANTONIO CALCAGNI ANN C CALCAGNI (027)
JAMES R CLARK III ANGELA L CLARK

30' St'd CG-9D Req'd. Type I Grade = 4.73%
12' St'd CG-9D Req'd. Type II Grade = 4.73%
12' St'd CG-9D Req'd. Type II Grade = 2.37%
12' St'd CG-9D Req'd. Type II Grade = 1.50%
12' St'd CG-9D Req'd. Type II Grade = 2.50%
12' St'd CG-9D Req'd. Type II Grade = 1.27%
12' St'd CG-9D Req'd. Type I Grade = 4.50%

End Constr. Princess Anne Road Sta. 219+00.00

100' TAPER RT. TURN LANE
200' TAPER LT. TURN LANES
200' TAPER LT. TURN LANE
PRINCESS ANNE RD. CONSTR. BL
N 82° 40' 57" W
COWARD AVE. CONSTR. BL
BEGIN CONN. Sta. 10+51.72
END CONN. Sta. 11+44.39
Sta. 215+77 Princess Anne Rd. Constr. BL
Sta. 10+00.00 Coward Ave. Constr. BL
Delta = 84°53'33" Rt.
PROP. R/W
EXISTING R/W
20' OH/UG Dominion Va. Power Easement

LEGEND

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- F — Denotes Construction Limits In Fills
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- Dot - dot - dashed lines denote Temporary Easements.
- 2 St'd.CG-6 Curb & Gutter Req'd.
- 3 St'd.MS-1A Median Req'd.
- 5 5' Conc. Sidewalk Req'd.
- 6B St'd.CG-12B Req'd.
- 11 St'd.Rad.CG-6 Curb & Gutter Req'd.

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION
DATE: 07/27/15

SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-V04	9B

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3:46:12 PM brianrupp
7/23/2015

7/23/2015 K:\RIC_RDWY\103130001_MilitaryHighwayCF\CADD\REF\Sheets\Concept_Plans\d313001109b.dgn

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY Kimley-Horn and Associates, Inc. (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	9C

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

PRINCESS ANNE ROAD
COWAND AVENUE

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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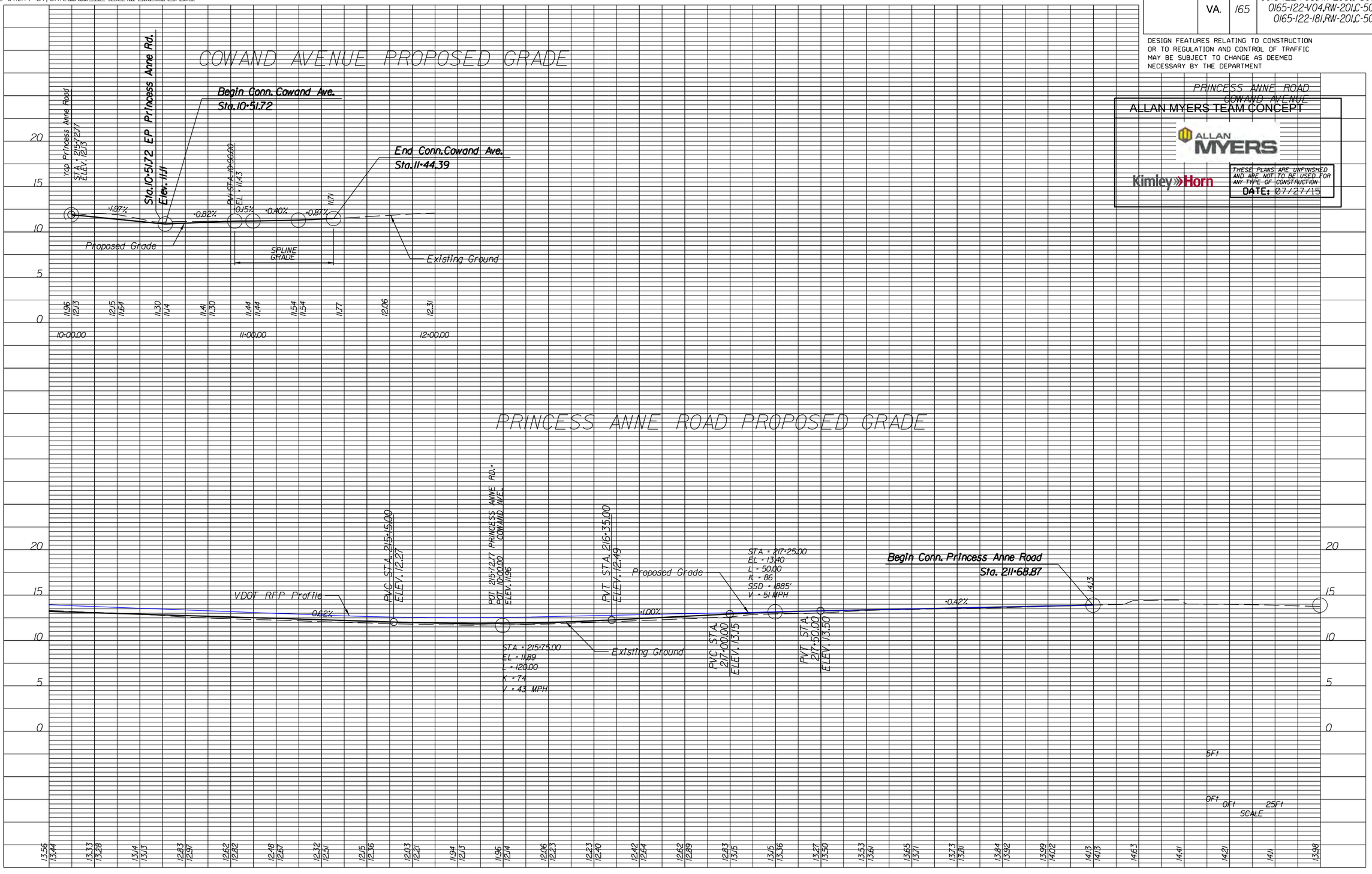

PROJECT	SHEET NO.
0165-122-V04	9C

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3:34:14 PM brianungaro:
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	9D

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LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
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- Mill & Overlay
- Denotes Concrete Items
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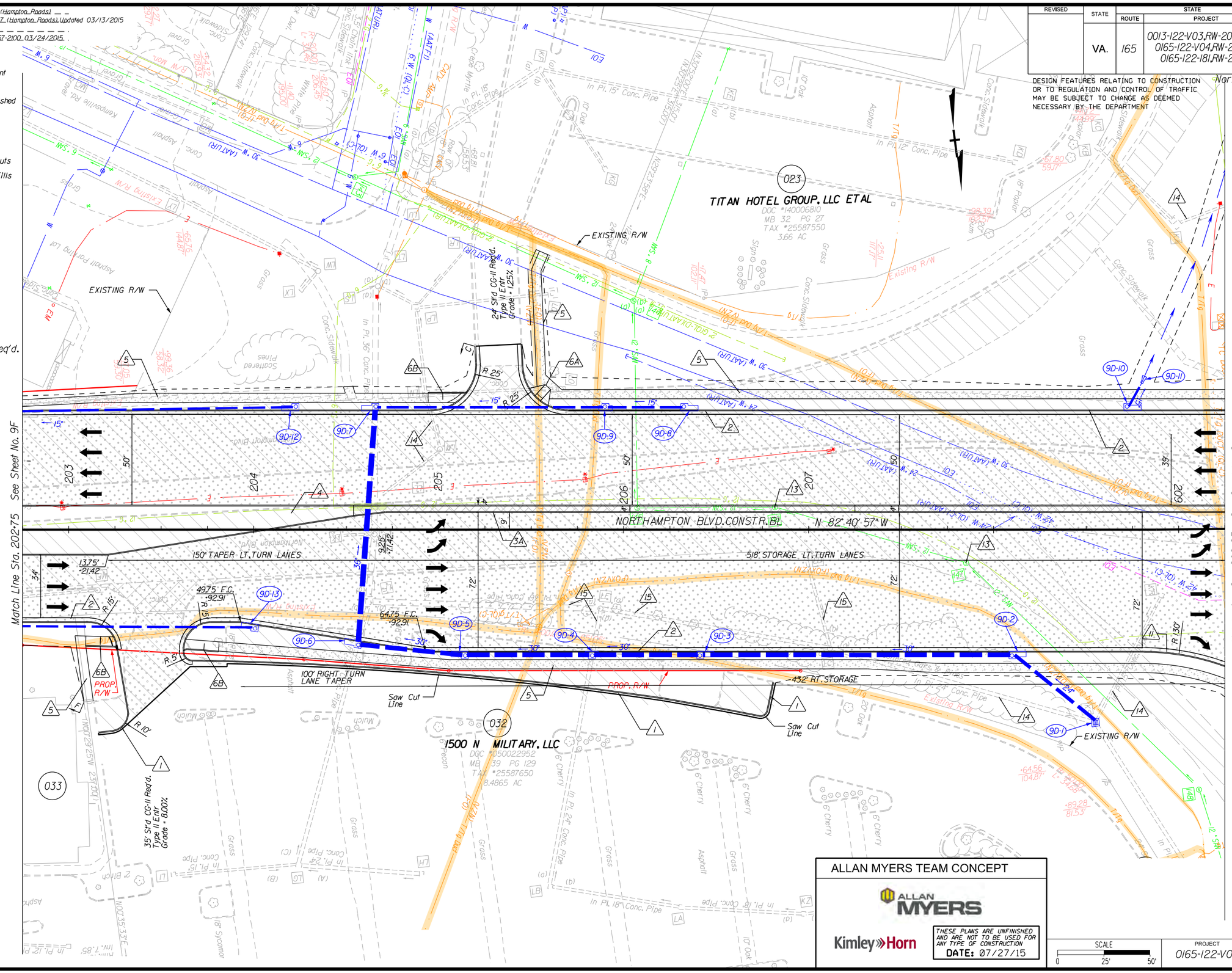
- 2 St'd.CG-6 Curb & Gutter Req'd.
- 3 St'd.MS-1A Median Req'd.
- 4 St'd.MS-2 Median Req'd.
- 5 5' Conc.Sidewalk Req'd.
- 6A St'd.CG-12A Req'd.
- 6B St'd.CG-12B Req'd.
- 11 St'd.Rad.CG-6 Curb & Gutter Req'd.
- 13 Adjust Utility To Grade
- 14 Pipe To Be Abandoned
- 15 Pipe To Be Removed
- 3A St'd.MS-1 Median Req'd.



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-V04	9D

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7/23/2015 3:34:16 PM brianungaters

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	9E

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ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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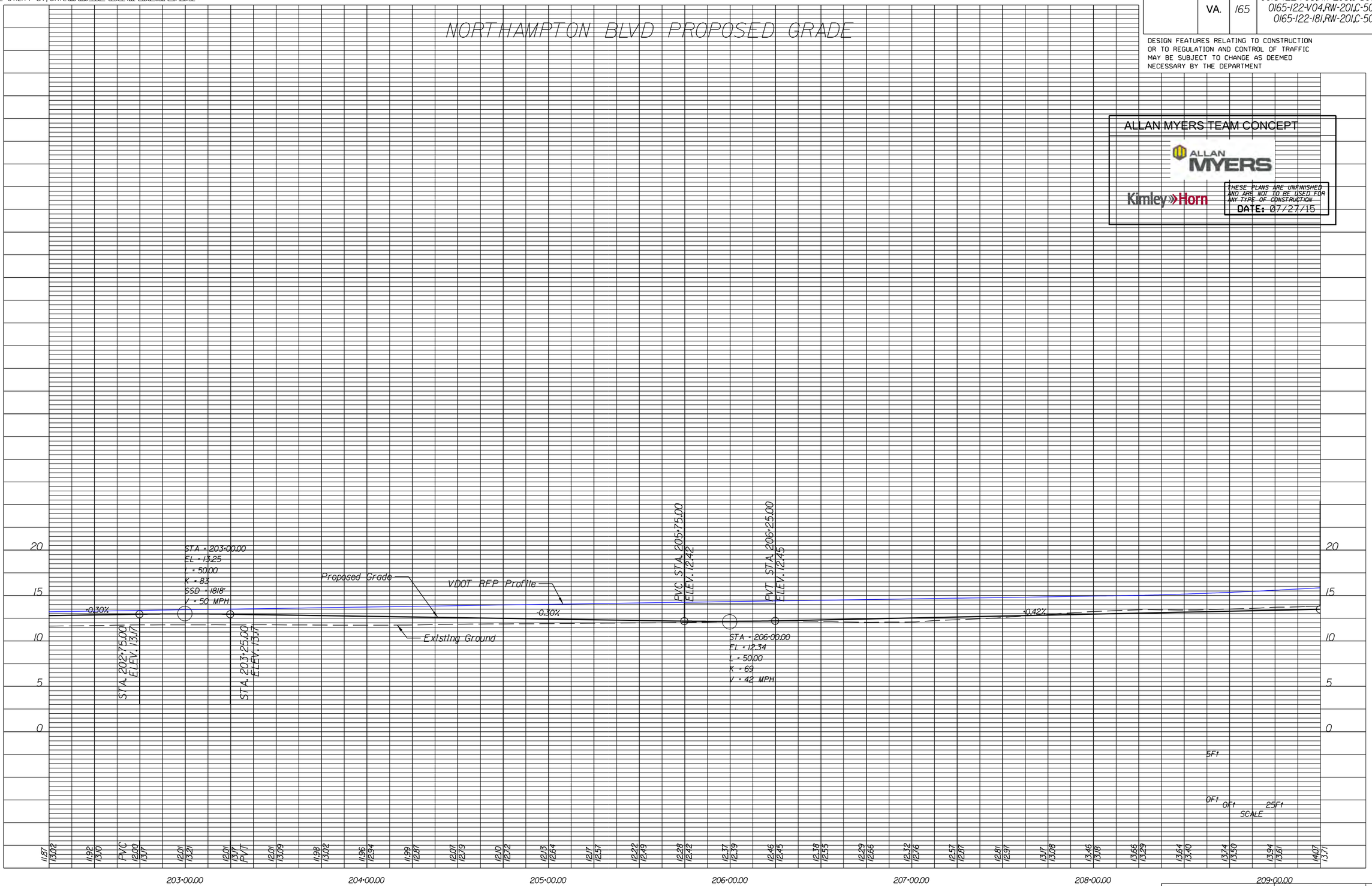

PROJECT	SHEET NO.
0165-122-V04	9E

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3:54:47 PM brianconders
7/23/2015

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	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	9F

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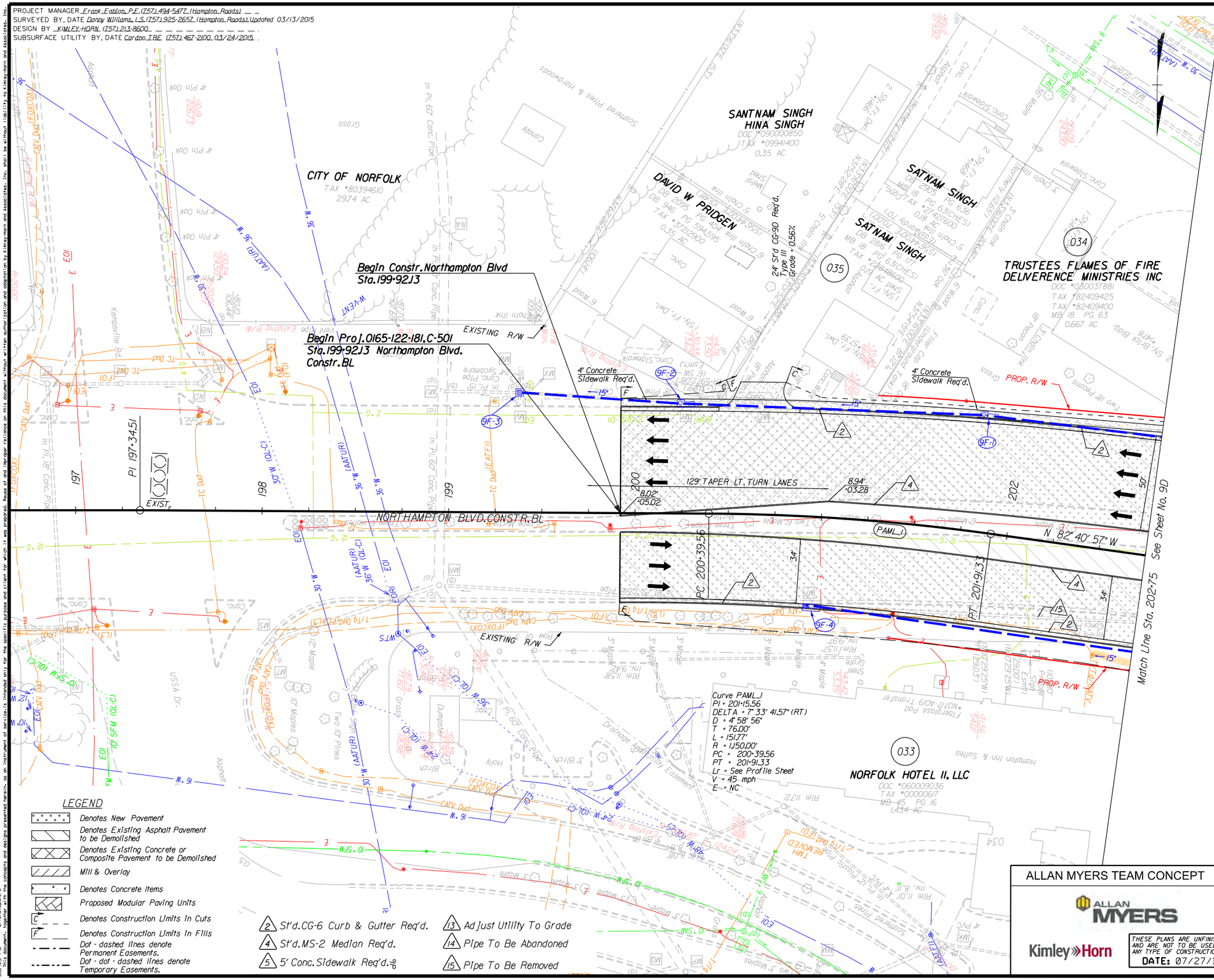
Northampton Blvd.



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

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brianmcpeters
7/23/2015 3:34:49 PM

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ALLAN MYERS TEAM CONCEPT

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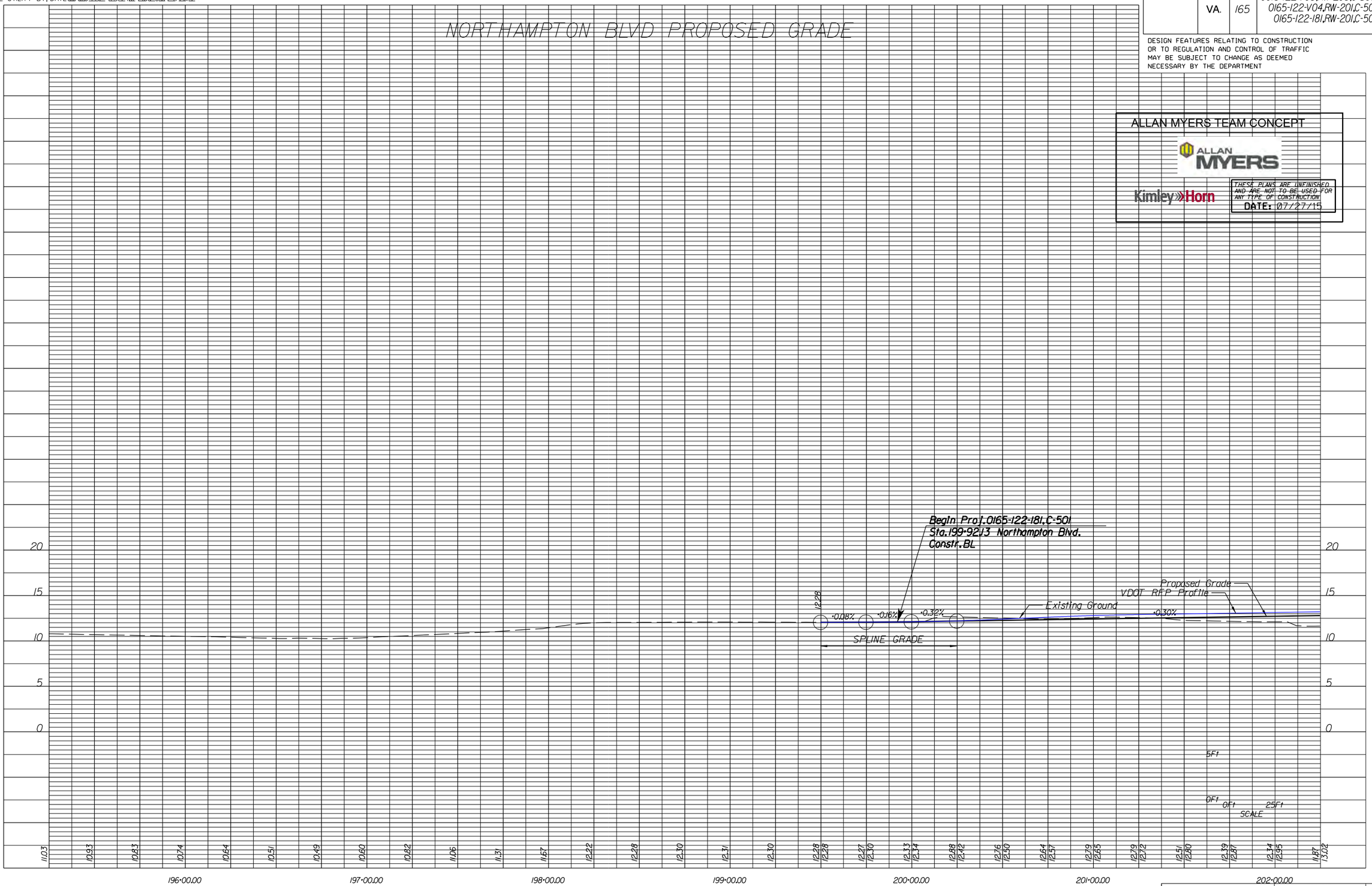

PROJECT	SHEET NO.
0165-122-V04	9G

7/23/2015
3:34:22 PM brianpeters
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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	10

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway

LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
- Mill & Overlay
- Denotes Concrete Items
- Proposed Modular Paving Units
- C — Denotes Construction Limits In Cuts
- F — Denotes Construction Limits In Fills
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- 2 St'd.CG-6 Curb & Gutter Req'd.
- 3 St'd.MS-1A Median Req'd.
- 3A St'd.MS-1 Median Req'd.
- 5 5' Conc.Sidewalk Req'd.
- 6A St'd.CG-12A Req'd. St'd.Rad.CG-6
- 11 Curb & Gutter Req'd.
- 12 St'd.Rad.CG-2 Curb Req'd.
- 13 Adjust Utility To Grade
- 14 Pipe To Be Abandoned
- 15 Pipe To Be Removed
- 5A 8' Conc.Sidewalk Req'd.

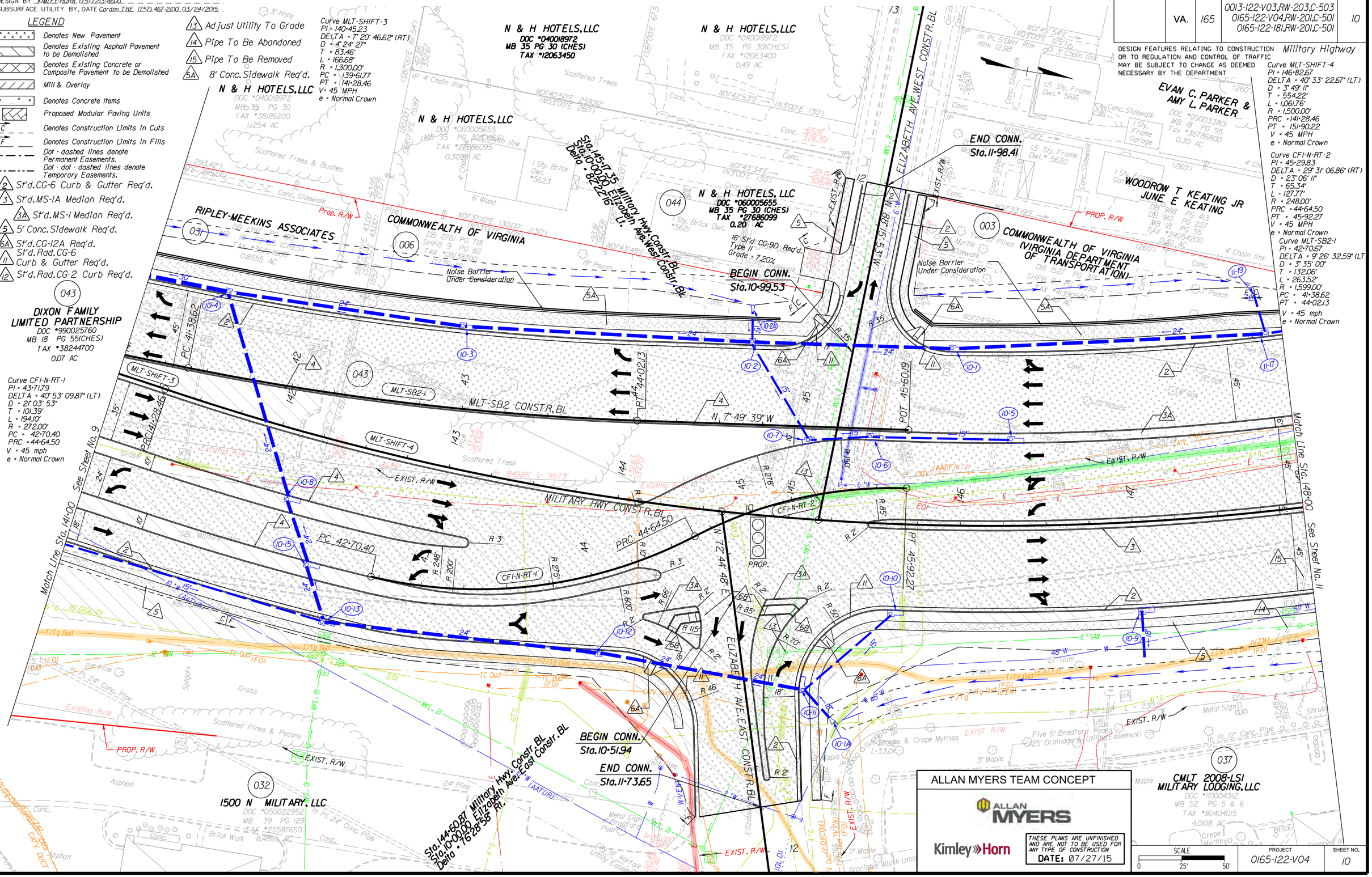
Curve MLT-SHIFT-3
PI = 140+45.23
DELTA = 7° 20' 46.62" (RT)
D = 4° 24' 27"
T = 83.46'
L = 166.68'
R = 1,300.00'
PC = 139+61.77
PT = 141+28.46
V = 45 MPH
e = Normal Crown

Curve CFI-N-RT-1
PI = 43+71.79
DELTA = 40° 53' 09.87" (LT)
D = 2° 03' 53"
T = 101.39'
L = 194.10'
R = 272.00'
PC = 42+70.40
PRC = 44+64.50
V = 45 mph
e = Normal Crown

Curve MLT-SHIFT-4
PI = 146+82.67
DELTA = 40° 33' 22.67" (LT)
D = 3° 49' 11"
T = 554.22'
L = 1,061.76'
R = 1,500.00'
PRC = 141+28.46
PT = 151+90.22
V = 45 MPH
e = Normal Crown

Curve CFI-N-RT-2
PI = 45+29.83
DELTA = 29° 31' 06.86" (RT)
D = 23° 06' 11"
T = 65.34'
L = 127.77'
R = 248.00'
PRC = 44+64.50
PT = 45+92.27
V = 45 MPH
e = Normal Crown

Curve MLT-SB2-1
PI = 42+70.67
DELTA = 9° 26' 32.59" (LT)
D = 3° 35' 00"
T = 132.06'
L = 263.52'
R = 1,599.00'
PC = 41+38.62
PT = 44+02.13
V = 45 mph
e = Normal Crown



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

SCALE 0 25' 50'

PROJECT	SHEET NO.
0165-122-V04	10

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3:34:22 PM brianmcdaniel
7/23/2015

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DESIGN BY Kimley-Horn and Associates, Inc. (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	10A

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

ALLAN MYERS TEAM CONCEPT

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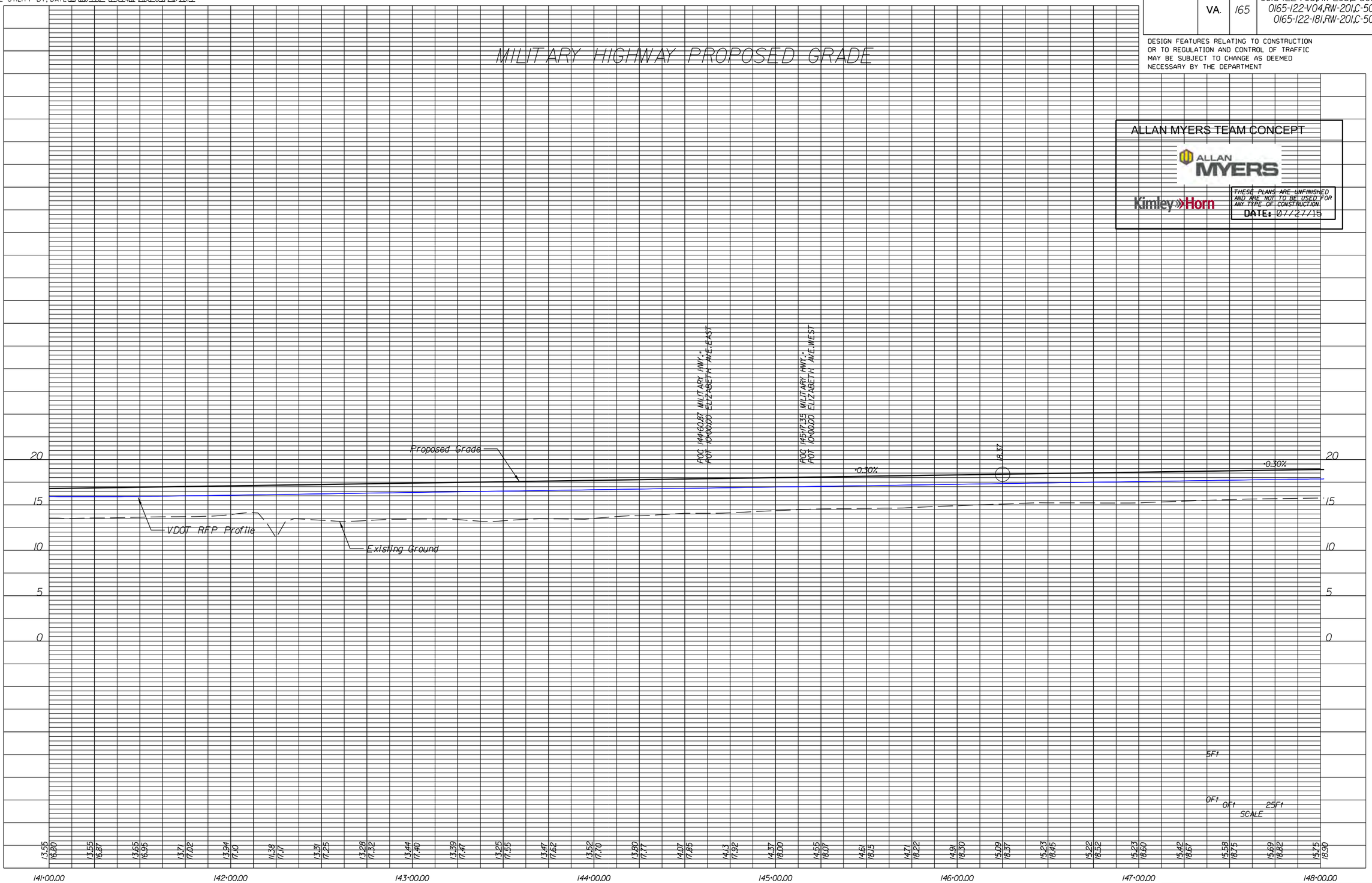

PROJECT	SHEET NO.
0165-122-V04	10A

briancpeters
3:34:24 PM
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ELIZABETH AVENUE WEST
ELIZABETH AVENUE EAST

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

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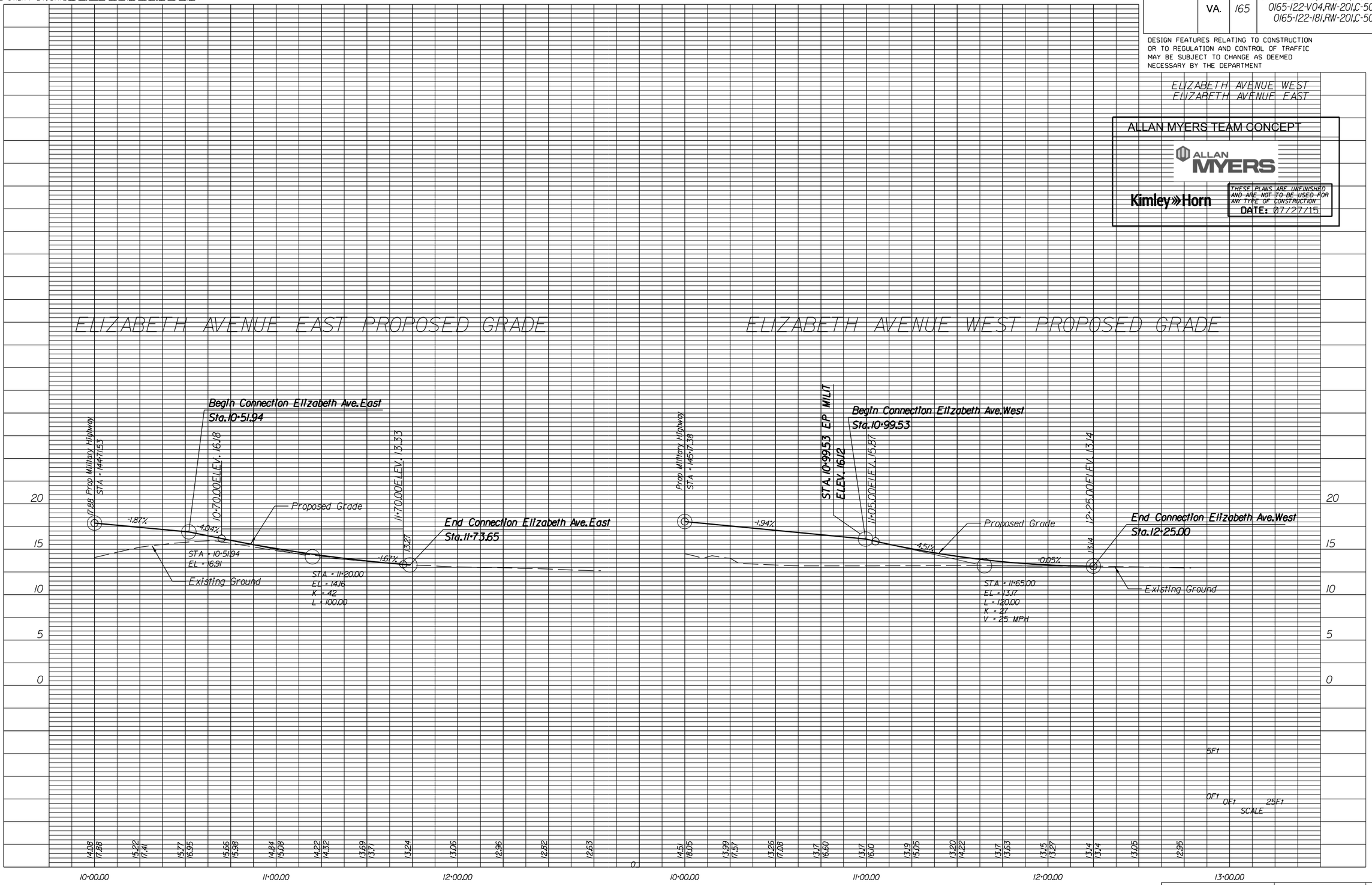

PROJECT	SHEET NO.
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7/23/2015

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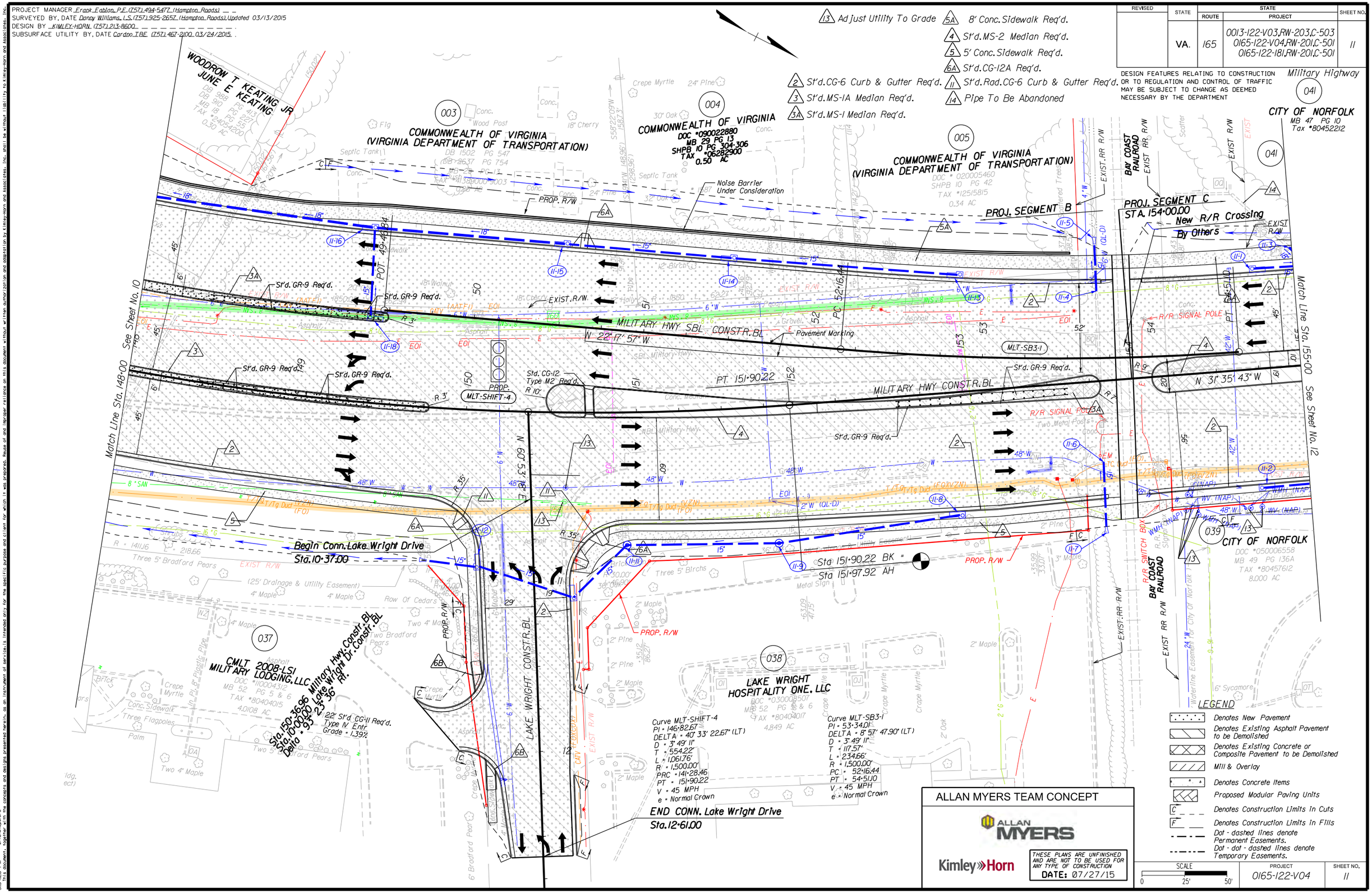
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	11

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

13 Adjust Utility To Grade
5A 8' Conc. Sidewalk Req'd.
4 St'd. MS-2 Median Req'd.
5 5' Conc. Sidewalk Req'd.
6A St'd. CG-12A Req'd.
2 St'd. CG-6 Curb & Gutter Req'd.
3 St'd. MS-1A Median Req'd.
3A St'd. MS-1 Median Req'd.
11 St'd. Rad. CG-6 Curb & Gutter Req'd.
14 Pipe To Be Abandoned



LEGEND

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ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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0 25' 50'	0165-122-V04	11

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3:34:28 PM brianrogers
7/23/2015

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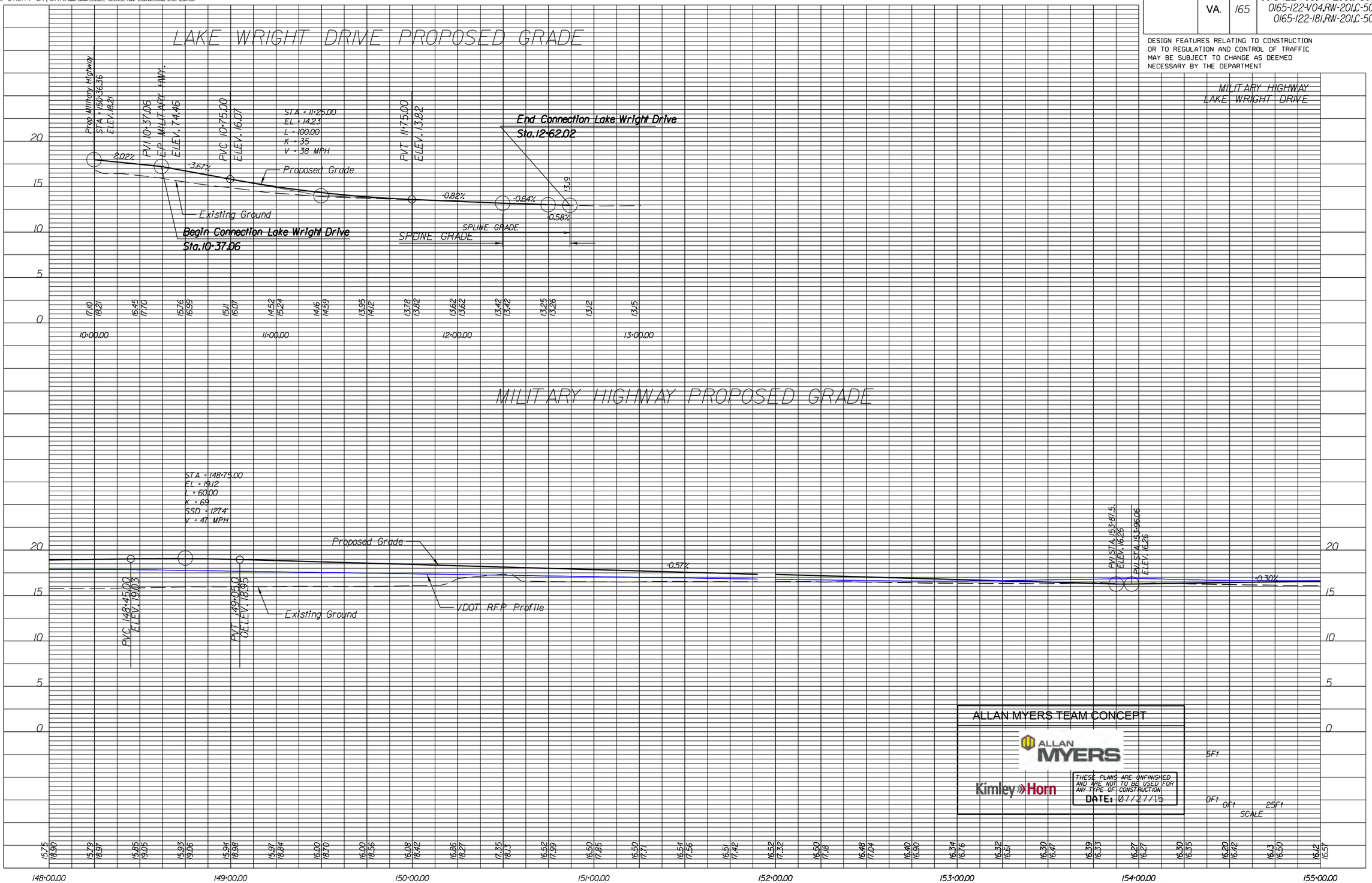

PROJECT	SHEET NO.
0165-122-V04	11A

7/23/2015
3:34:30 PM brianmcpeake:
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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway

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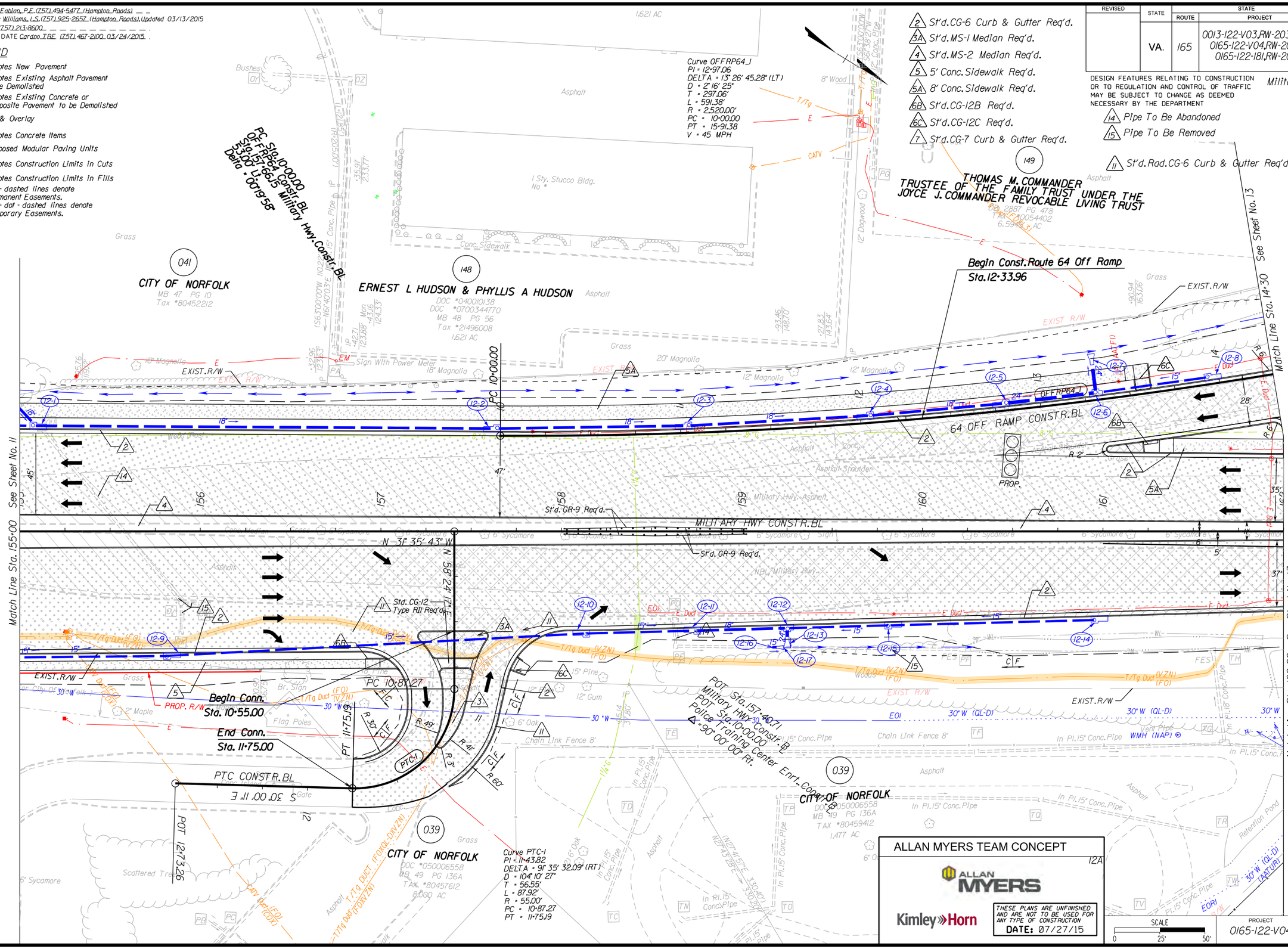
4 St'd.MS-2 Median Req'd.
5 5' Conc.Sidewalk Req'd.
5A 8' Conc.Sidewalk Req'd.
6B St'd.CG-12B Req'd.
6C St'd.CG-12C Req'd.
7 St'd.CG-7 Curb & Gutter Req'd.
14 Pipe To Be Abandoned
15 Pipe To Be Removed
11 St'd.Rad.CG-6 Curb & Gutter Req'd.



ALLAN MYERS TEAM CONCEPT

12A

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

SCALE 0 25' 50'

PROJECT	SHEET NO.
0165-122-V04	12

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PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY Kimley-Horn and Associates, Inc. (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

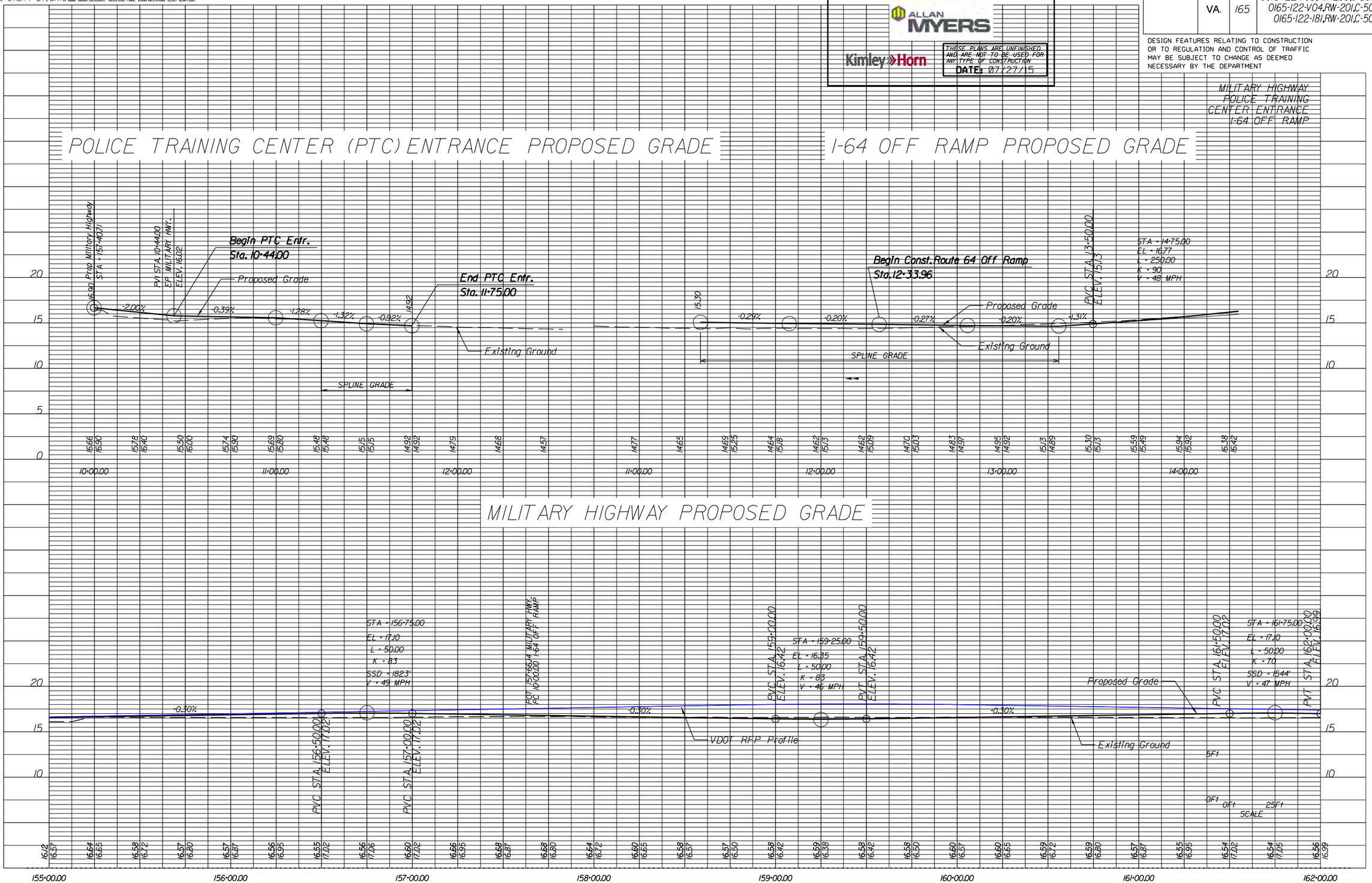
Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION
DATE: 07/27/15

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	12A

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

MILITARY HIGHWAY
POLICE TRAINING
CENTER ENTRANCE
I-64 OFF RAMP



PROJECT	SHEET NO.
0165-122-V04	12A

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PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Doney Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	13

Military Highway

Curve OFFRP64_1
PI = 12+97.06
DELTA = 13° 26' 45.28" (LT)
D = 2° 16' 25"
T = 297.06'
L = 591.38'
R = 2,520.00'
PC = 10+00.00
PT = 15+91.38
Lr = See Profile Sheet
V = 60 mph
E = 3.60%

End Proj.0165-122-V04,PE-101,RW-202,
PE-103,RW-201,C-501 UPC 1765
Sta.162+42.70 Military Hwy.Constr.BL
Begin Proj.0165-122-181,RW-201,C-501
UPC 84243
Sta.162+46.15 Military Hwy.Constr.BL

Curve OFFRP64_1
PI = 12+97.06
DELTA = 13° 26' 45.28" (LT)
D = 2° 16' 25"
T = 297.06'
L = 591.38'
R = 2,520.00'
PC = 10+00.00
PT = 15+91.38
V = 60 MPH

Curve OFFRP64_2
PI = 18+63.13
DELTA = 10° 55' 24.55" (LT)
D = 4° 30' 00"
T = 121.74'
L = 242.74'
R = 1,273.24'
PC = 17+41.39
PT = 19+84.13
V = 60 MPH

BREOF AIP VIRGINIA, LP
DOC #050039699
MB 45 PG 51
TAX #3584910
6.397 AC

THOMAS M. COMMANDER
TRUSTEE OF THE FAMILY TRUST
UNDER THE JOYCE J. COMMANDER
REVOCABLE LIVING TRUST
DB 2887 PG 478
TAX #0054402
6.5945 AC

End Const.Route 64 Off Ramp
Sta.18+83.58

EXIST.R/W & L/A LINE

St'd. GR-2 Req'd (Double Nested)
W/ St'd.MC-3B Req'd.

St'd. GR-II Req'd.

St'd. GR-2 Req'd.

St'd. GR-II Req'd.

N 44° 42' 30" W

8' PAVED SHLDR

6' PAVED SHLDR

200' TAPER

64 OFF RAMP CONSTR.BL

Begin Constr.Retaining Wall
Sta.165+50.00 MLCBL

Begin Construct.St'd.BPPS-I Pier Protection System
Sta.165+66.57 Military Hwy.Constr.BL

End Constr.St'd.BPPS-I Pier Protection System
Sta.168+31.88 MLCBL

St'd.GR-FOA-2
Type I Req'd.

End St'd FE-CL Fence
Sta 165+48.99 Military Hwy.
Constr.BL (52.11' Lt.)

Prop.FOC Break Pt.
Sta 164+46.32 (40.26' Lt.)

Begin St'd FE-CL Fence
Sta 163+25.48 Mil.Hwy.
Constr.BL (51.13' Lt.)

Remove Existing Fence

5' Conc.Sidewalk Req'd

5' Min.Conc.Sidewalk Req'd

EQUATION:
Sta 162+42.70 BK =
Sta 162+46.15 AH

Special Design
Impact Attenuator Req'd.

MILITARY HWY CONSTR.BL

PROPOSED PAVEMENT MARKING

St'd.GR-FOA-2
Type I Req'd.

St'd.GR-2 Req'd.

St'd FE-CL
Sta 163+03.20
(53.82' Rt.) Constr.B

End St'd.FE-CL Fence
Sta 163+95.00
Constr.BL (47.00' Rt.)

Begin Constr.St'd.BPPS-I Pier Protection System
Sta.164+81.01 Mil.Hwy.BL

Begin Construct.St'd.BPPS-I
Pier Protection System
Sta.163+97.26 Military Hwy.Constr.BL

Begin St'd FE-CL Fence
Existing Fence Removal
Sta 163+03.21 Military
Hwy.Constr.BL (86.98' Rt.)

St'd 12' FE-4 Watergate Ty.II Req'd.
Posts Sta.163+03.21 (60.77' Rt.)
& Sta.163+03.21 (72.77' Rt.)

St'd 14' Double Swing Gate Req'd.
Posts Sta.163+61.97 (54.03' Rt.)
& Sta.163+76.40 (54.08' Rt.)

St'd FE-CL Break Pt.
Sta 163+85.97 Constr.BL (54.11' Rt.)

Curve ONRPREV5
PI = 12+06.94
DELTA = 47° 36' 27.21" (RT)
D = 22° 49' 37"
T = 110.72'
L = 208.56'
R = 251.00'
PC = 10+96.22
PCC = 13+04.78
V = 45 MPH

End Constr.St'd.BPPS-I Pier Protection System
Sta.167+10.56 Military Hwy.Constr.BL

End Constr.St'd.BPPS-I
Pier Protection System
Sta.168+25.00 MLCBL

Begin Construction On Loop
POT Sta.10+00.00 On Loop BL
POT Sta.167+67.49 MLCBL

1-64 ON RAMP CONSTR.B

8' PAVED SHOULDER N 26° 35' 43" W

ONRPREV5

TO NEWPORT NEWS

TO CHESAPEAKE

Rte. 64 To Va. Beach

Match Line Sta. 14+30 See Sheet No. 12

Station 162+00 Match Line To Sheet 12

Station 169+00 Match Line To Sheet 14

Match Line To Sheet 14G

Match Line To Sheet 14G

LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
- Mill & Overlay
- Denotes Concrete Items
- Proposed Modular Paving Units
- C — Denotes Construction Limits in Cuts
- F — Denotes Construction Limits in Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements

5A	8' Conc.Sidewalk Req'd.
2	St'd.CG-6 Curb & Gutter Req'd.
4	St'd.MS-2 Median Req'd.
5	5' Conc.Sidewalk Req'd.
7	St'd.MB-7E Req'd.
8	St'd.MB-7D Req'd.
9	St'd.BPPS-I Req'd.
9A	Mod.BPPS-I Req'd.

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-181	13

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PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY Kimley-Horn and Associates, Inc. (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	13A

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MILITARY HIGHWAY
I-64 OFF RAMP

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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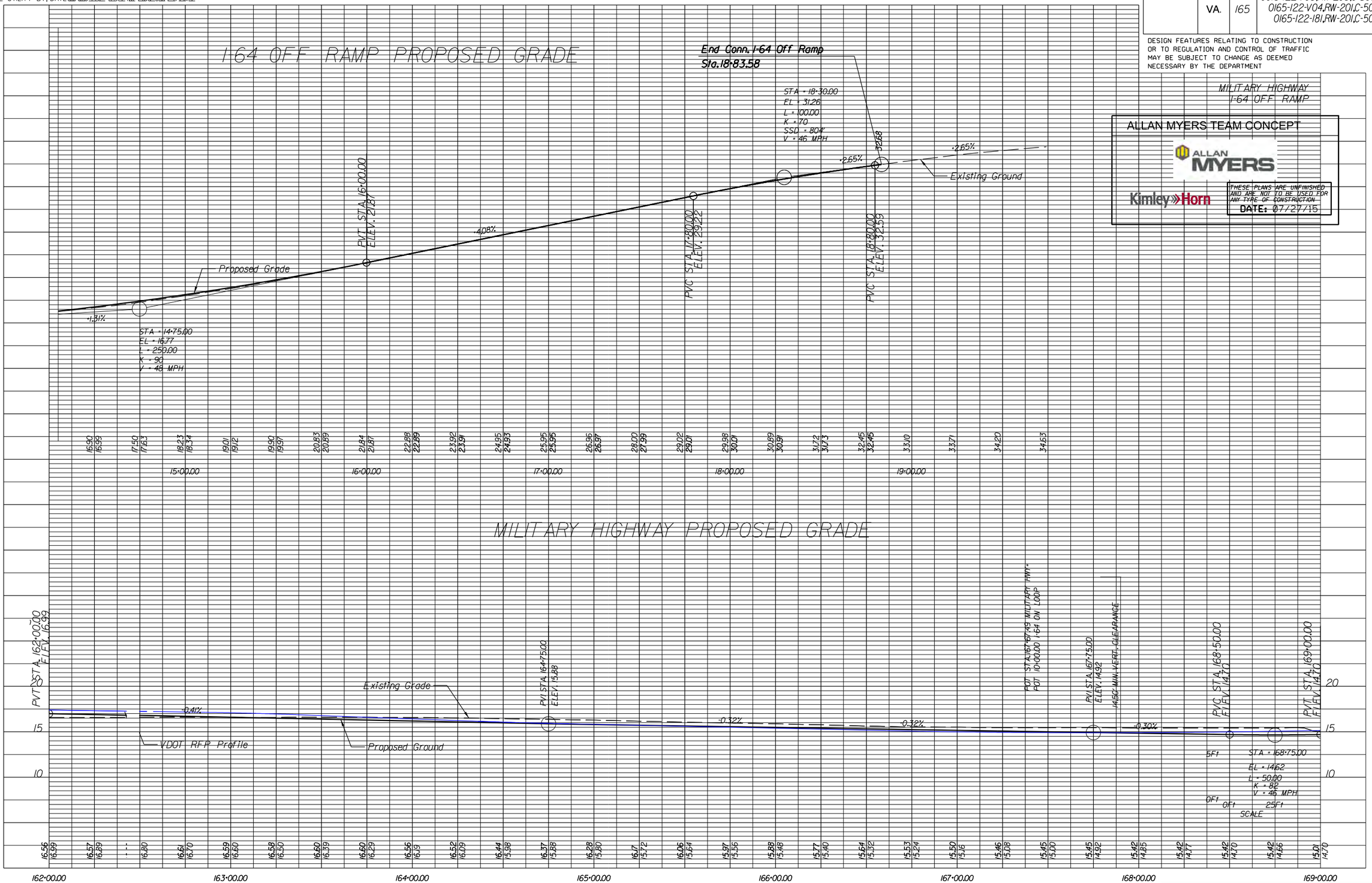

PROJECT	SHEET NO.
0165-122-V04	13A

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DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

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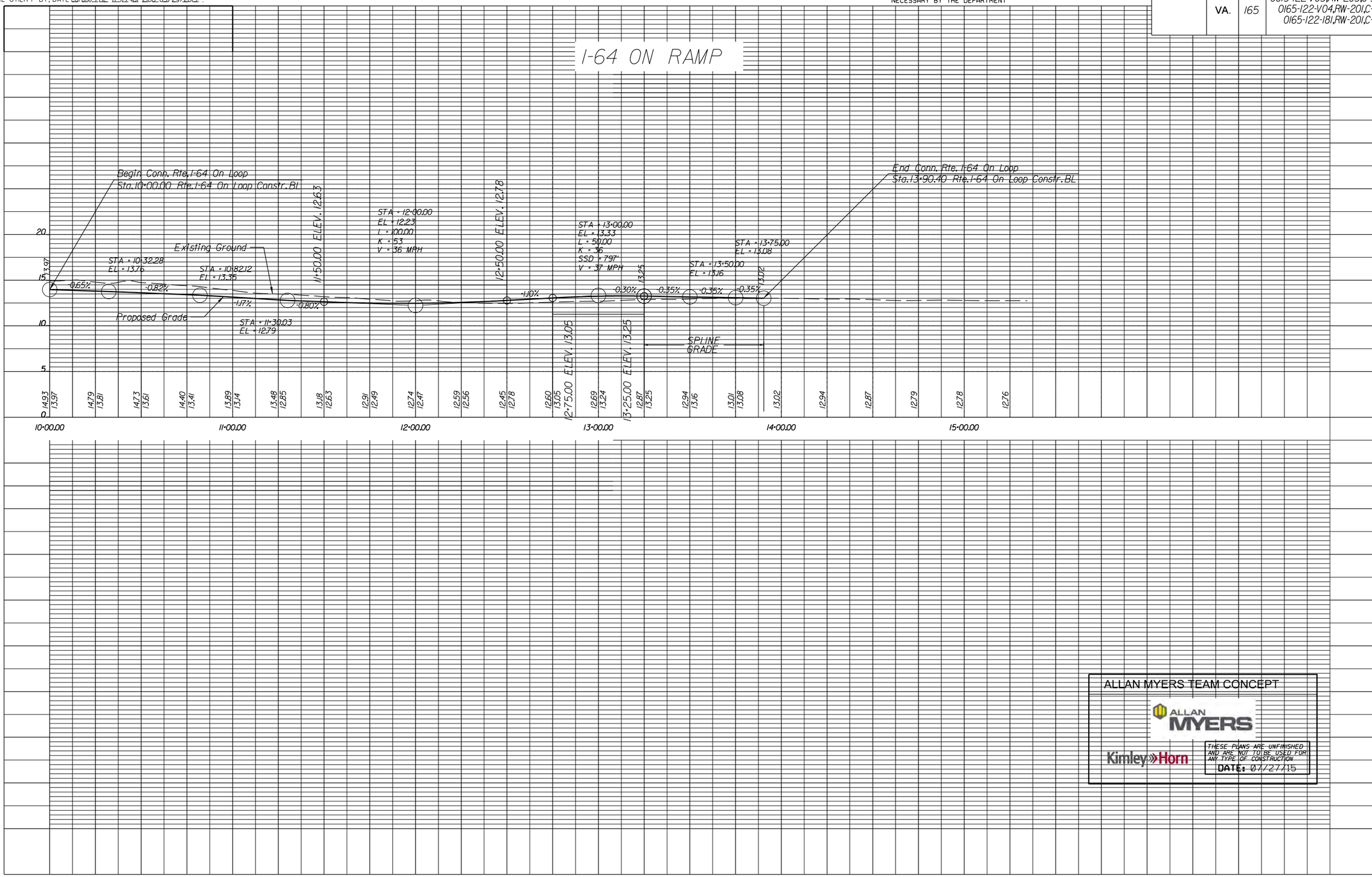
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	13B



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

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PROJECT	SHEET NO.
0165-122-181	13B

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SURVEYED BY, DATE Doug Williams, L.S. (757) 925-2652 (Hampton Roads) Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

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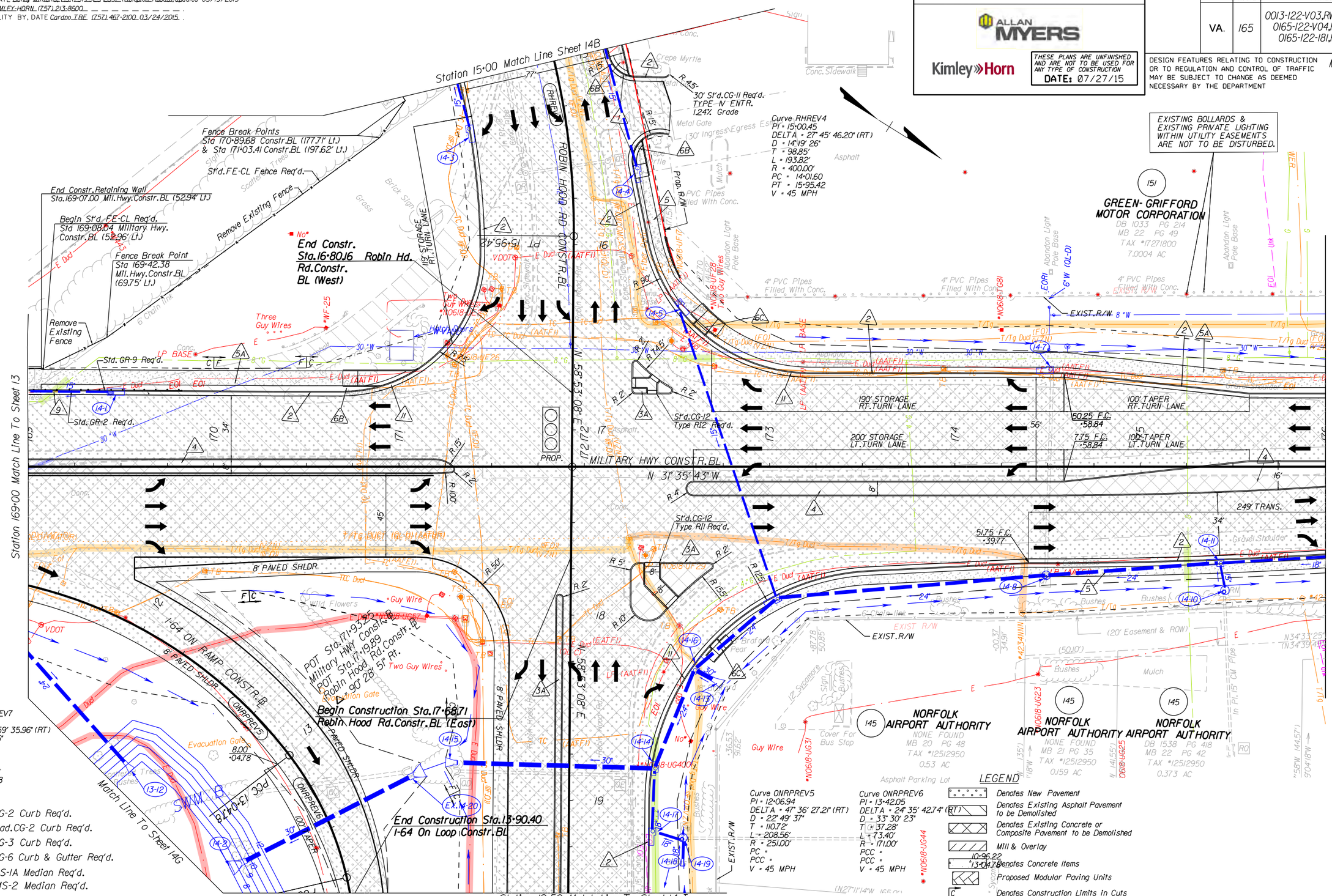
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	14

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway



1 St'd.CG-2 Curb Req'd.
1A St'd.Rad.CG-2 Curb Req'd.
1B St'd.CG-3 Curb Req'd.
2 St'd.CG-6 Curb & Gutter Req'd.
3 St'd.MS-1A Median Req'd.
4 St'd.MS-2 Median Req'd.
5 5' Conc.Sidewalk Req'd.
6b St'd.CG-12B Req'd.
6C St'd.CG-12C Req'd.
6S St'd.CG-12 Detectable Warning Surface Req'd. In Shoulder Area.
9A Mod.BPPS-1 Req'd.
11 St'd.Rad.CG-6 Curb & Gutter Req'd.
3A St'd. MS-1 Median Req'd.
5A 8' Conc.Sidewalk Req'd.

SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-181	14

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brianunpeters
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PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY Michael Baker Jr., Inc. (757) 631-8770
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	14A

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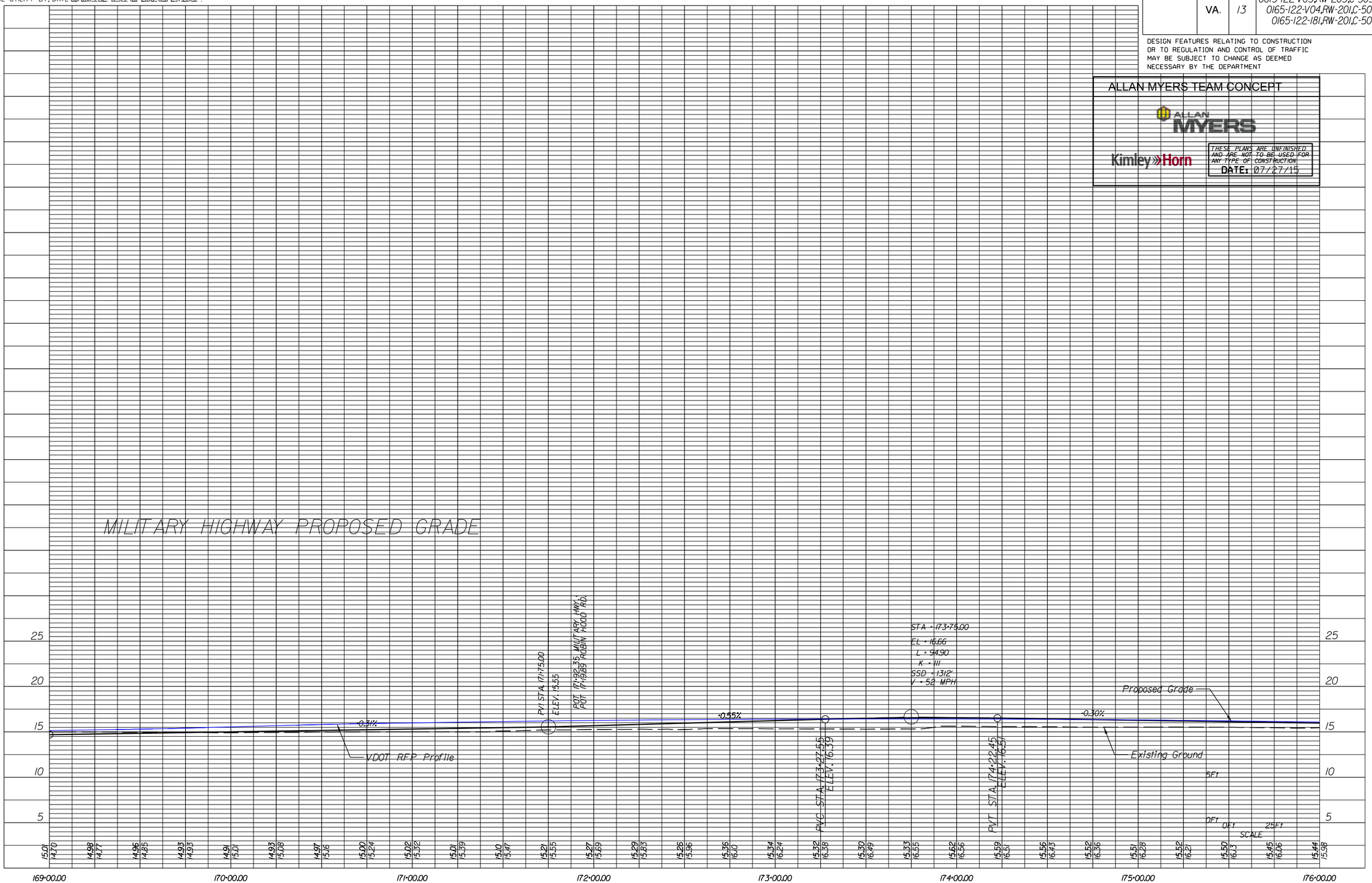

PROJECT	SHEET NO.
0013-122-V03	14A

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DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

Curve RHREV2
PI = 10+80.78
DELTA = 39° 51' 28.05" (LT)
D = 9° 32' 57"
T = 217.54'
L = 417.39'
R = 600.00'
PC = 8+63.24
PT = 12+80.63
V = 30 mph
e = Normal Crown

Curve RHREV3
PI = 13+20.62
DELTA = 9° 08' 31.38" (RT)
D = 11° 27' 33"
T = 39.97'
L = 79.78'
R = 500.00'
PC = 12+80.64
PT = 13+60.42
V = 30 mph
e = Normal Crown

Curve RHREV4
PI = 15+00.45
DELTA = 27° 45' 46.20" (RT)
D = 14° 19' 26"
T = 98.85'
L = 193.82'
R = 400.00'
PC = 14+01.60
PT = 15+95.42
V = 30 mph
e = Normal Crown

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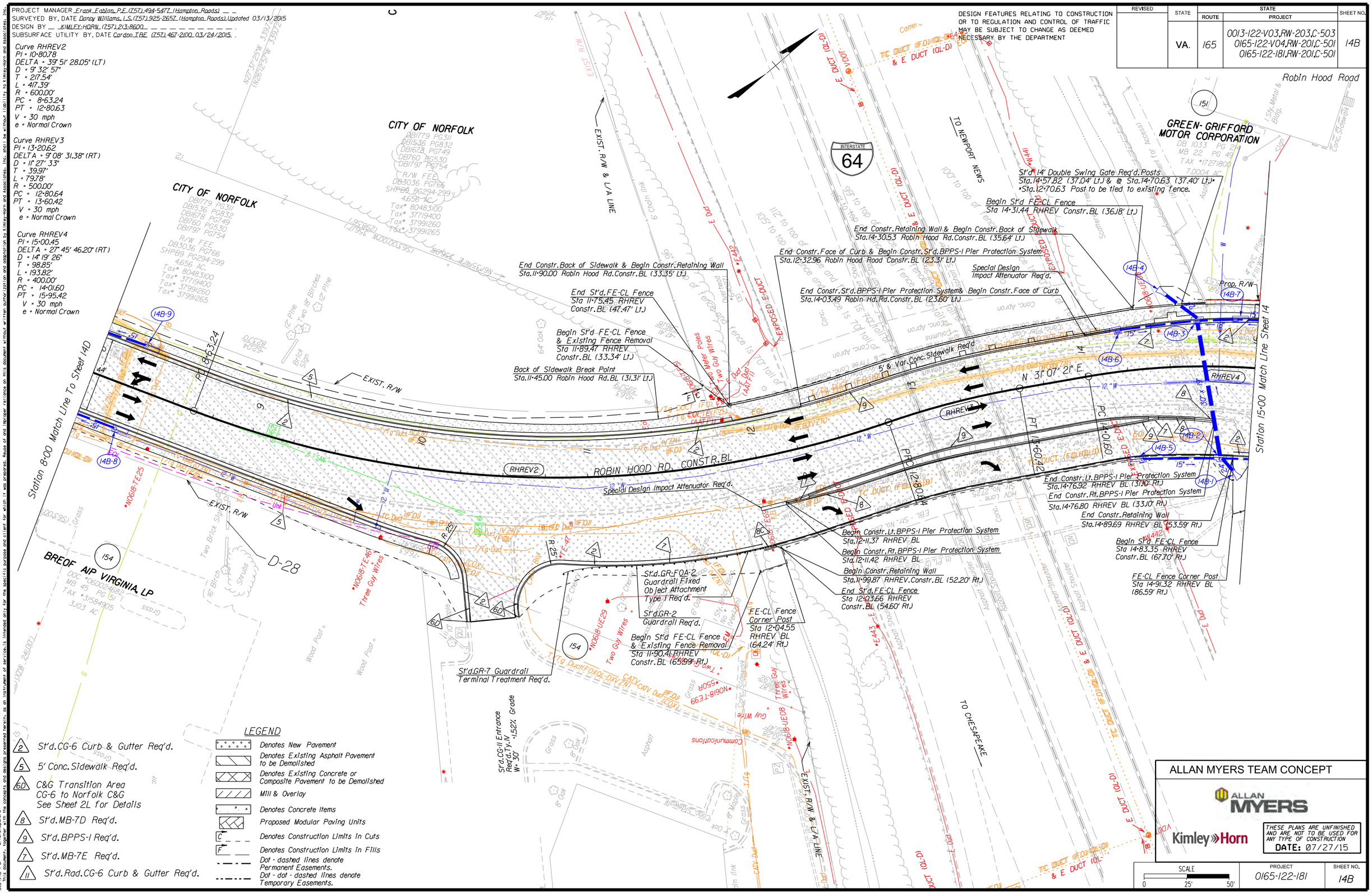
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	14B



LEGEND

- 2 St'd.CG-6 Curb & Gutter Req'd.
- 5 5' Conc. Sidewalk Req'd.
- 6D C&G Transition Area CG-6 to Norfolk C&G See Sheet 2L for Details
- 8 St'd.MB-7D Req'd.
- 9 St'd.BPPS-I Req'd.
- 7 St'd.MB-7E Req'd.
- 11 St'd.Rad.CG-6 Curb & Gutter Req'd.

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
- Mill & Overlay
- Denotes Concrete Items
- Proposed Modular Paving Units
- C Denotes Construction Limits In Cuts
- F Denotes Construction Limits In Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements.

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-181	14B

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DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	14C

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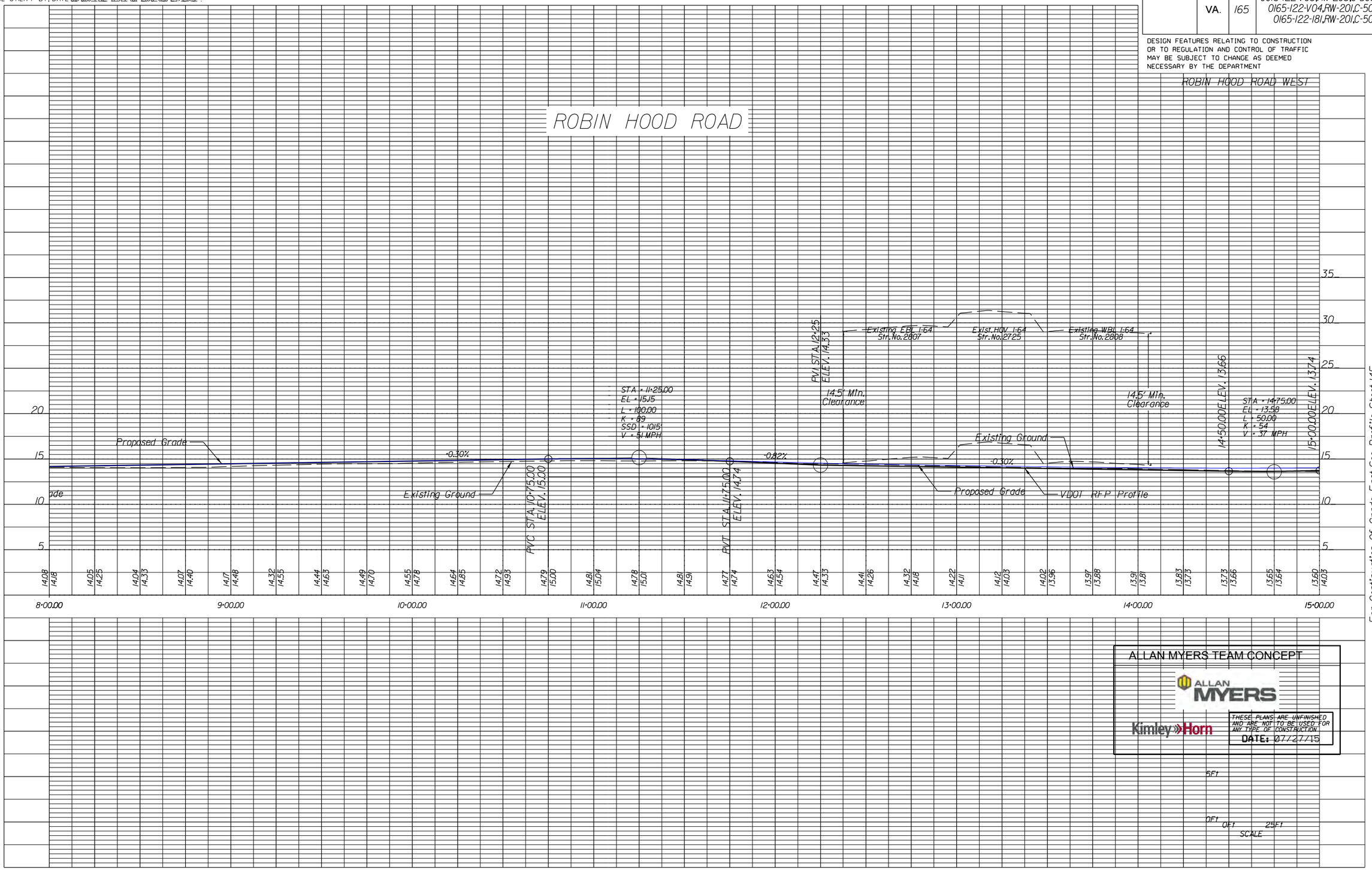

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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PROJECT	SHEET NO.
0165-122-181	14C

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PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
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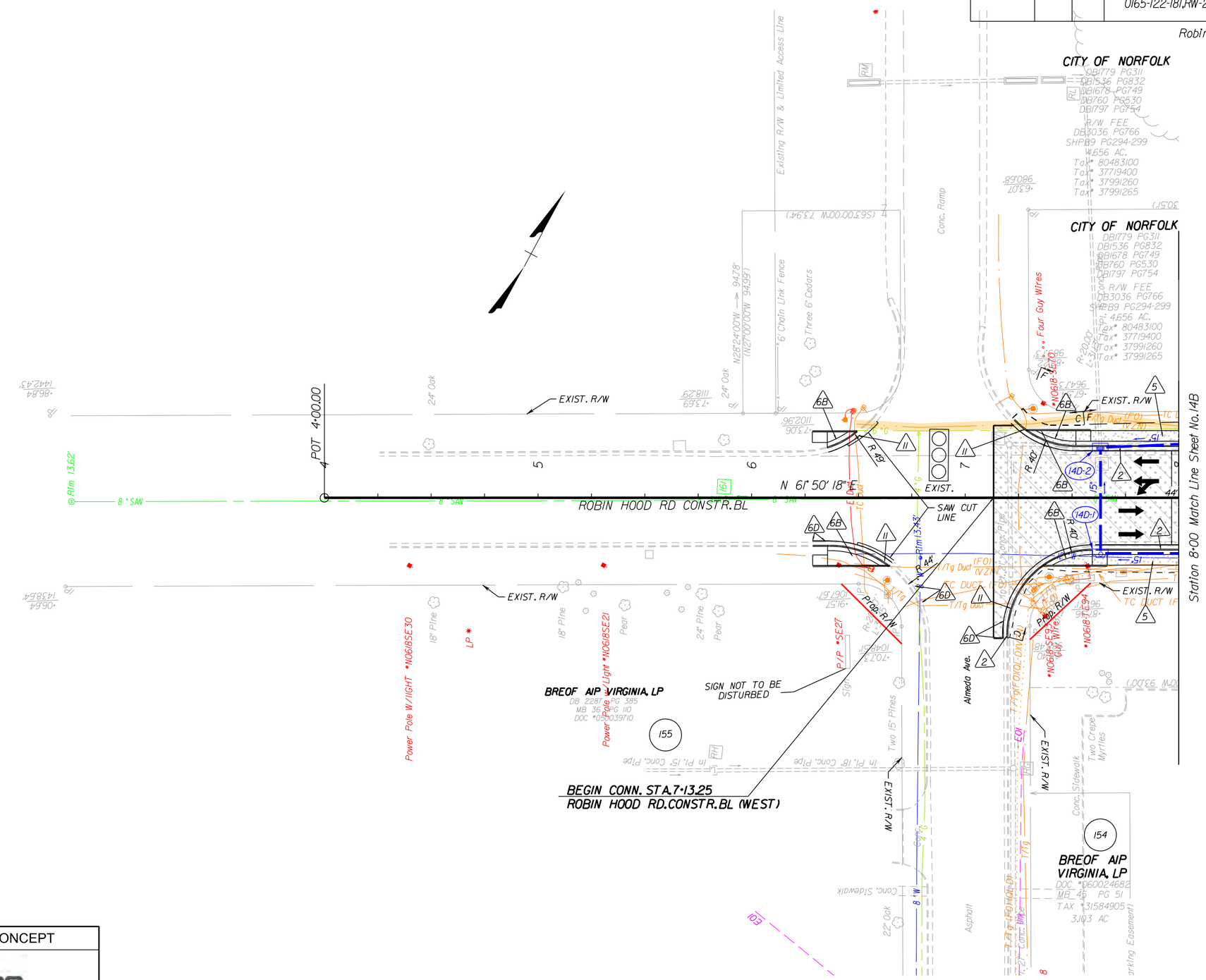
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	14D



LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
- Mill & Overlay
- Denotes Concrete Items
- Proposed Modular Paving Units
- C — Denotes Construction Limits in Cuts
- F — Denotes Construction Limits in Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements.
- 2 — St'd.CG-6 Curb & Gutter Req'd.
- 5 — 5' Conc.Sidewalk Req'd.
- 6B — St'd.CG-12B Req'd.
- 6D — Curb Transition Area CG-6 to Norfolk C&G (See Detail Sheet 2L)
- 11 — St'd.Rad.CG-6 Curb & Gutter Req'd.

ALLAN MYERS TEAM CONCEPT

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Kimley»Horn

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SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-181	14D

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3:34:49 PM brianwebster
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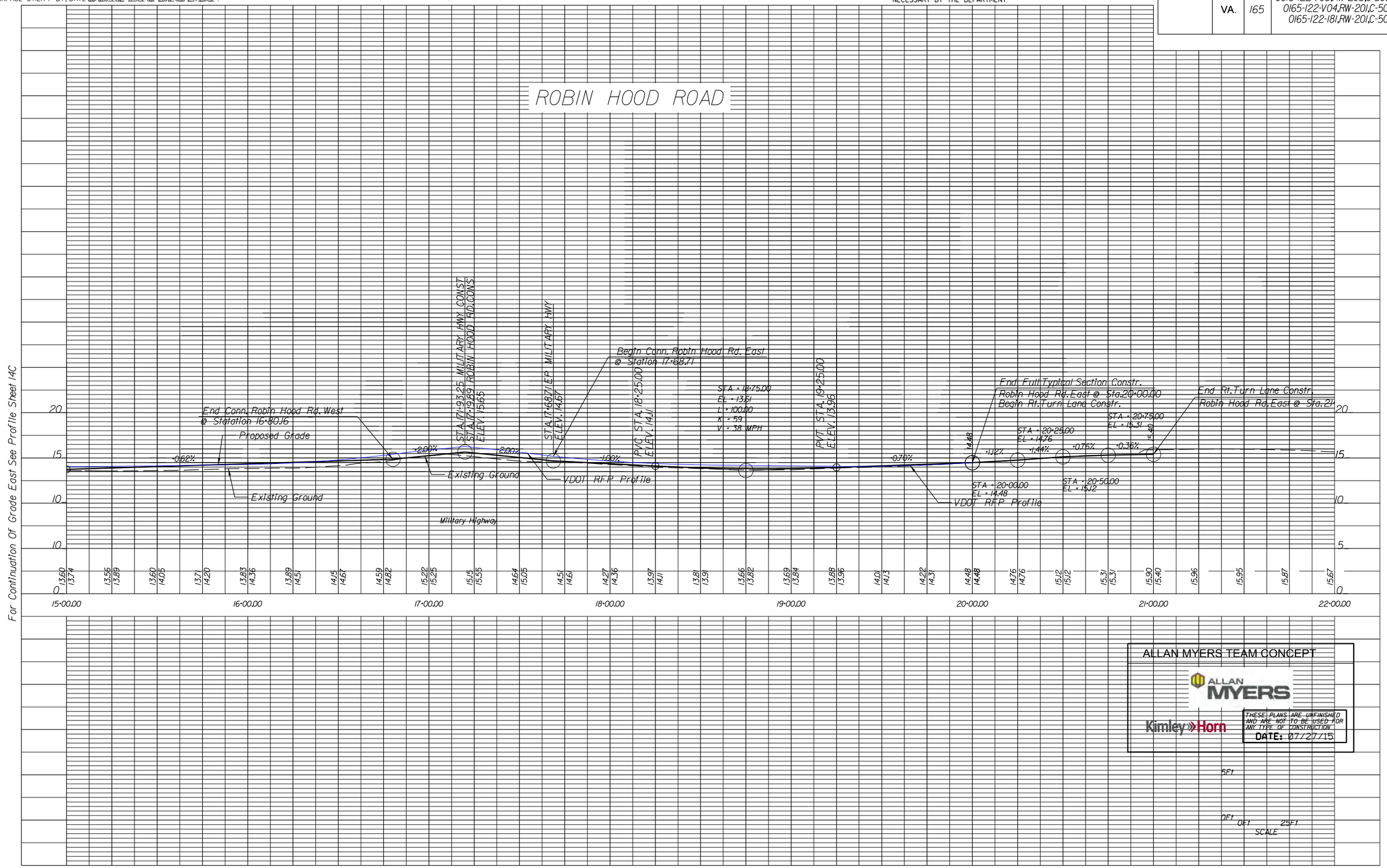
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	14F



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION

DATE: 07/27/15

5Ft

0Ft 0Ft 25Ft
SCALE

PROJECT	SHEET NO.
0165-122-181	14F

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7/23/2015 3:34:50 PM brianmcpeters

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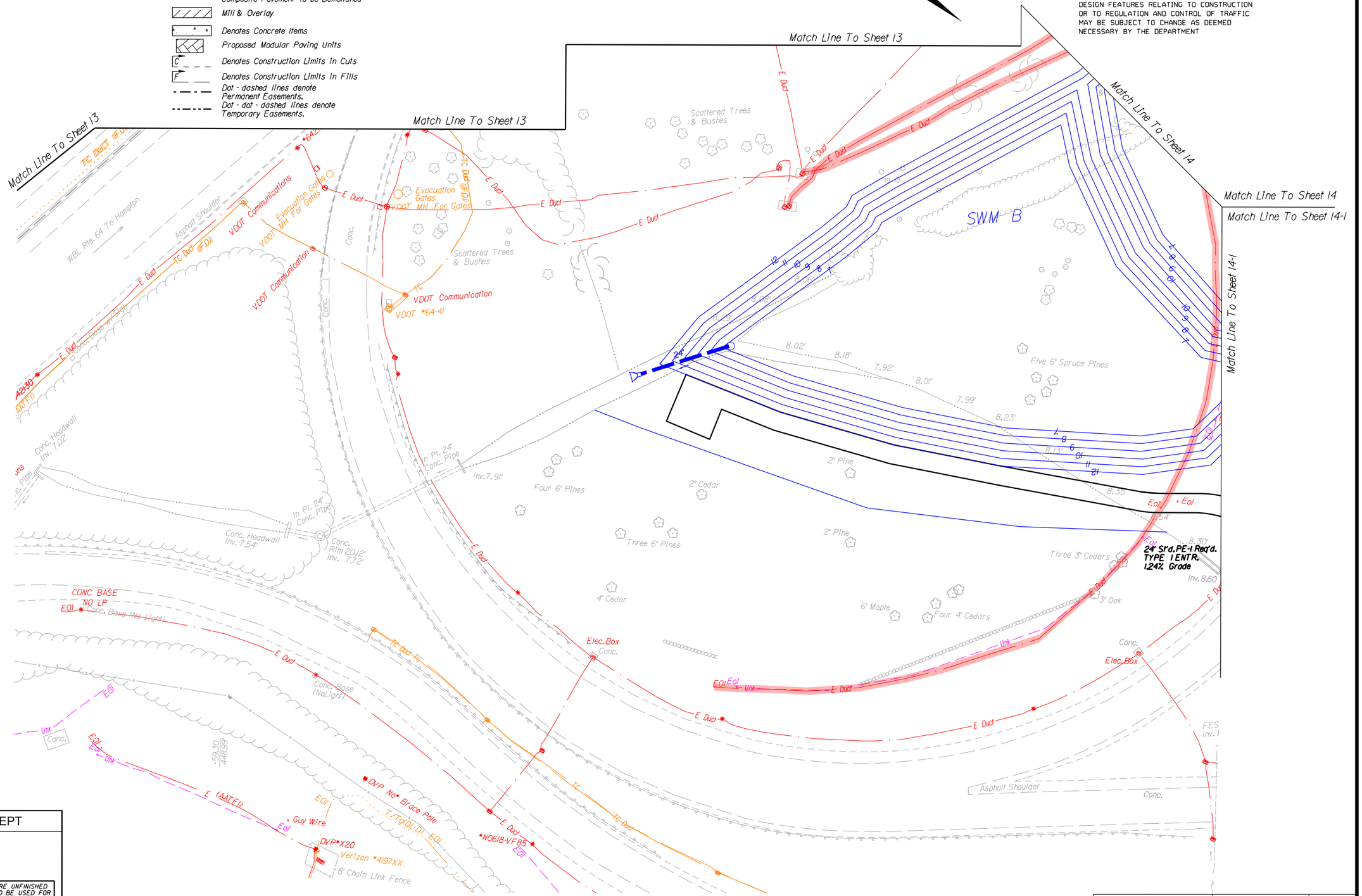
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	14G

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
- Mill & Overlay
- Denotes Concrete Items
- Proposed Modular Paving Units
- C — Denotes Construction Limits in Cuts
- F — Denotes Construction Limits in Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements.



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-181	14G

3:3452 PM brianumpdyke's 7/23/2015
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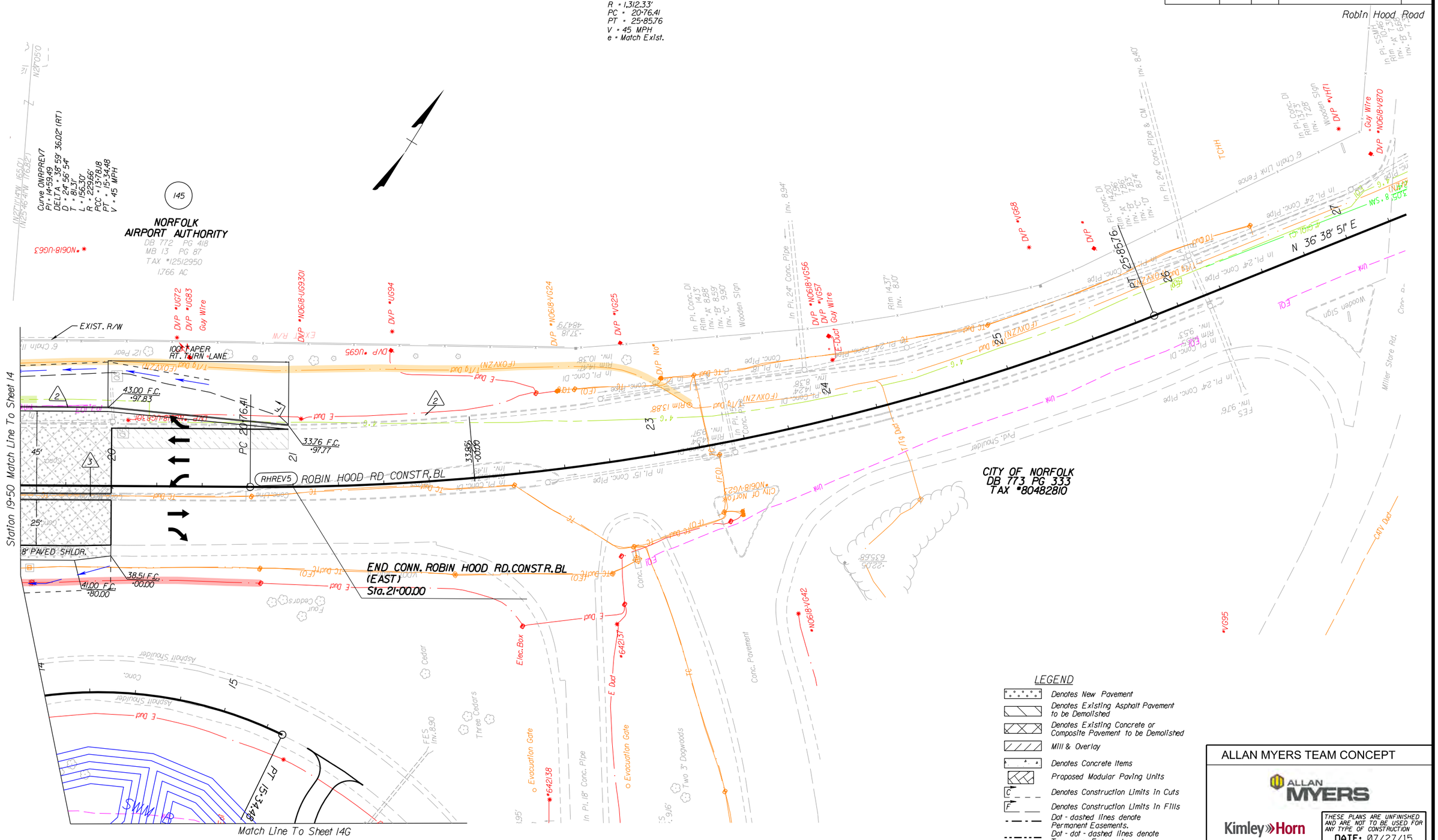
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Donny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	14-1

Curve RHREV5
PI = 23+34.33
DELTA = 22° 14' 16.74" (LT)
D = 4° 21' 57"
T = 257.92'
L = 509.35'
R = 1,312.33'
PC = 20+76.41
PT = 25+85.76
V = 45 MPH
e = Match Exist.



LEGEND

- Denotes New Pavement
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- C — Denotes Construction Limits in Cuts
- F — Denotes Construction Limits in Fills
- Dot - dashed lines denote Permanent Easements.
- Dot - dot - dashed lines denote Temporary Easements.
- 2 — St'd.CG-6 Curb & Gutter Req'd.
- 3 — St'd.MS-1A Req'd.

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

SCALE	PROJECT	SHEET NO.
0 25' 50'	0165-122-181	14-1

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7/23/2015 3:34:53 PM brianumpstead

7/23/2015

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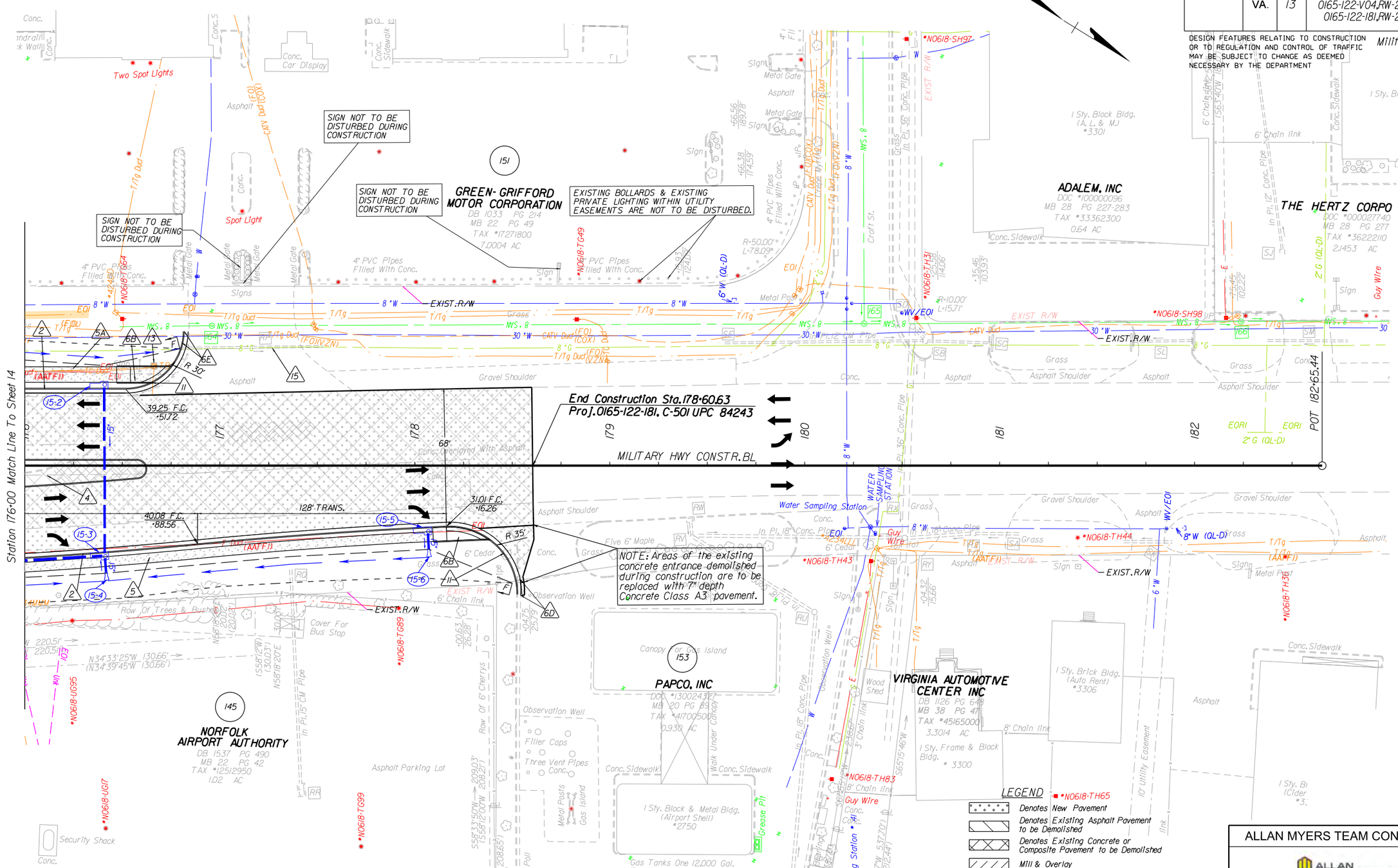
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Donny Williams, L.S. (757) 925-2657 (Hampton Roads) Updated 03/13/2015
DESIGN BY Kimley-Horn (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03, RW-203, C-503 0165-122-V04, RW-201, C-501 0165-122-181, RW-201, C-501	15

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Military Highway



2	St'd.CG-6 Curb & Gutter Req'd.
4	St'd.MS-2 Median Req'd.
5	5' Conc.Sidewalk Req'd.
6B	St'd.CG-12B Req'd.
6D	C&G Transition Area CG-6 to Norfolk C&G
6E	CG-6 Curb Warp Down Area
11	St'd.Rad.CG-6 Curb & Gutter Req'd.
5A	8' Conc.Sidewalk Req'd.

LEGEND

- Denotes New Pavement
- Denotes Existing Asphalt Pavement to be Demolished
- Denotes Existing Concrete or Composite Pavement to be Demolished
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ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

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SCALE	PROJECT	SHEET NO.
0 25' 50'	0013-122-V03	15

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brianungerer
3:34:55 PM
7/23/2015

7/23/2015
K:\RIC_RDWY\103300_MilitaryHighway\CFI\CADD\REF\Sheets\Concept_Plans\s313001l5.dgn

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5472 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2652 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	15A

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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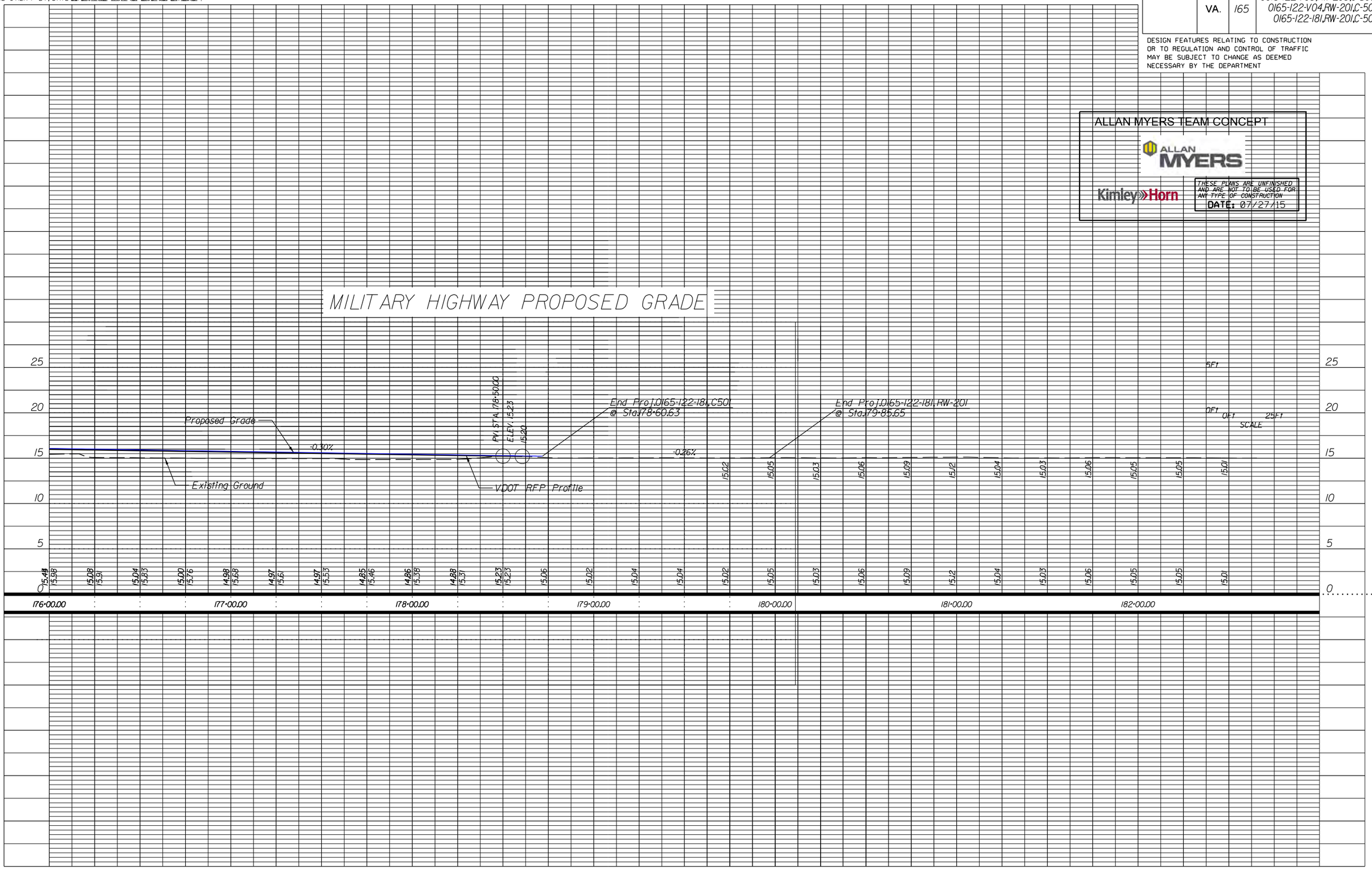
DATE: 07/27/15



PROJECT	SHEET NO.
0165-122-181	15A

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3:34:56 PM brianundeter
7/23/2015

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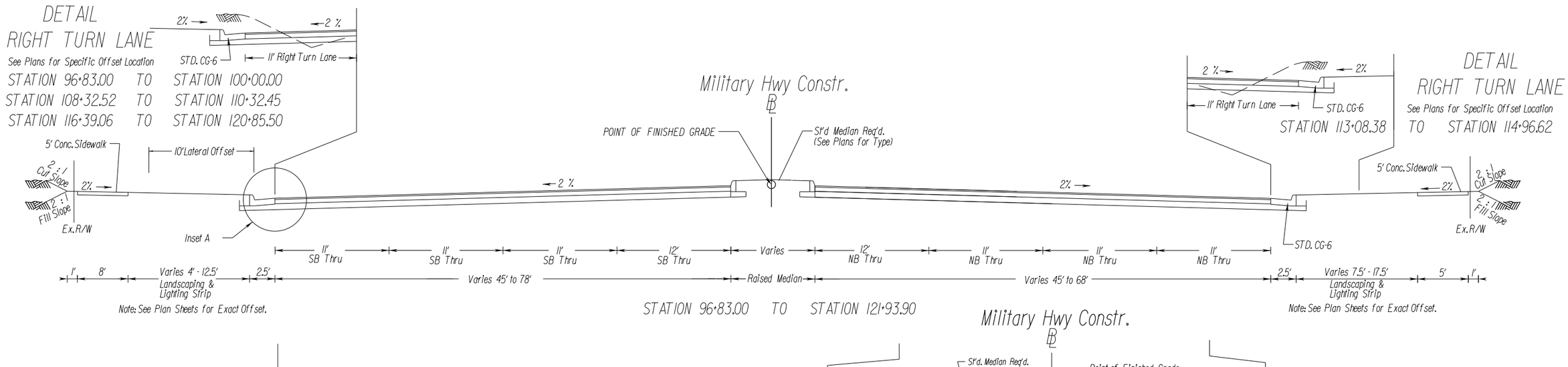
4.2.2
Roadway
Typical Sections

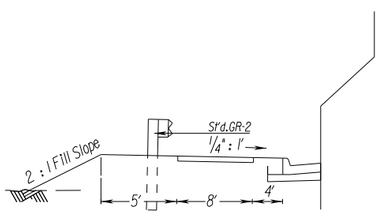
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Donny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY Kimley-Horn (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

PRELIMINARY TYPICAL SECTION
MILITARY HIGHWAY MAINLINE

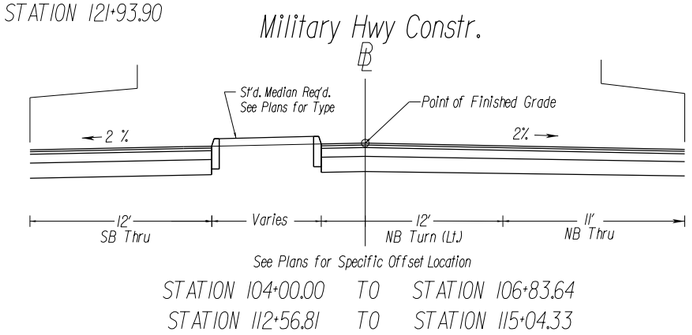
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A

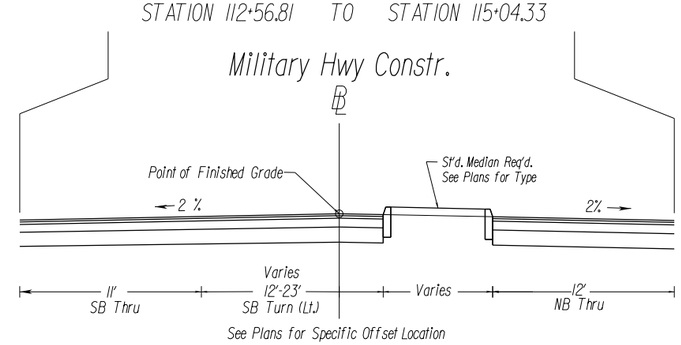
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT





DETAIL
GUARDRAIL
See Plans for Specific Offset Location
STATION 118+61.61 TO STATION 121+43.90

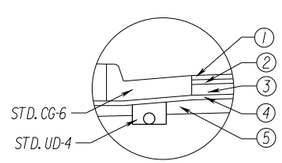




MILITARY HIGHWAY PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CT.A. AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

INSET A



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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NOT TO SCALE	PROJECT 0013-122-V03	SHEET NO. 2A

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7/23/2015 3:43:22 PM brianungaters

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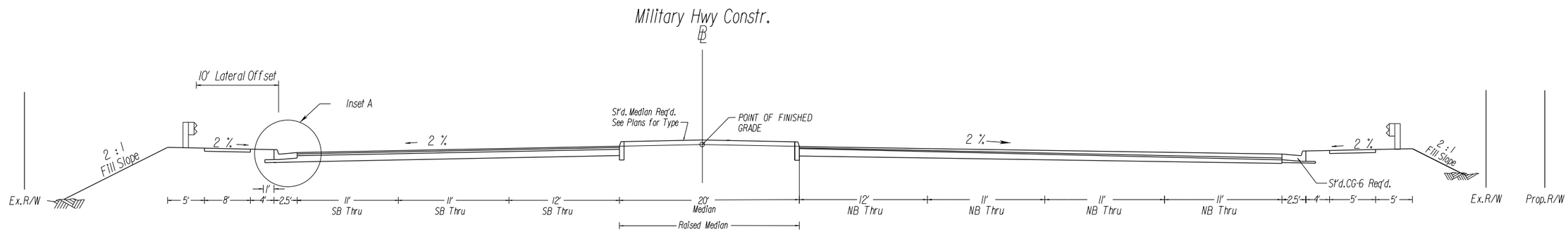
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(1)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

PRELIMINARY TYPICAL SECTIONS
MILITARY HIGHWAY MAINLINE

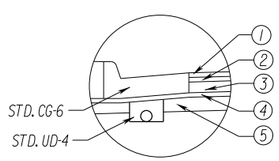


MILITARY HIGHWAY PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CTA, AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO. 21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

STATION 121+43.90 TO STATION 125+29.55

INSET A



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

NOT TO SCALE	PROJECT 0165-122-V04	SHEET NO. 2A(1)

7/23/2015 3:53:23 PM brianupdeter
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DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

PRELIMINARY TYPICAL SECTIONS
MILITARY HIGHWAY MAINLINE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(2)

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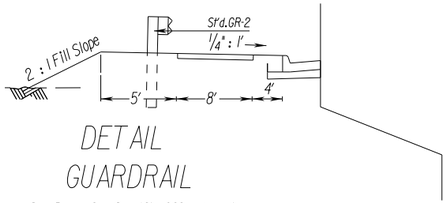
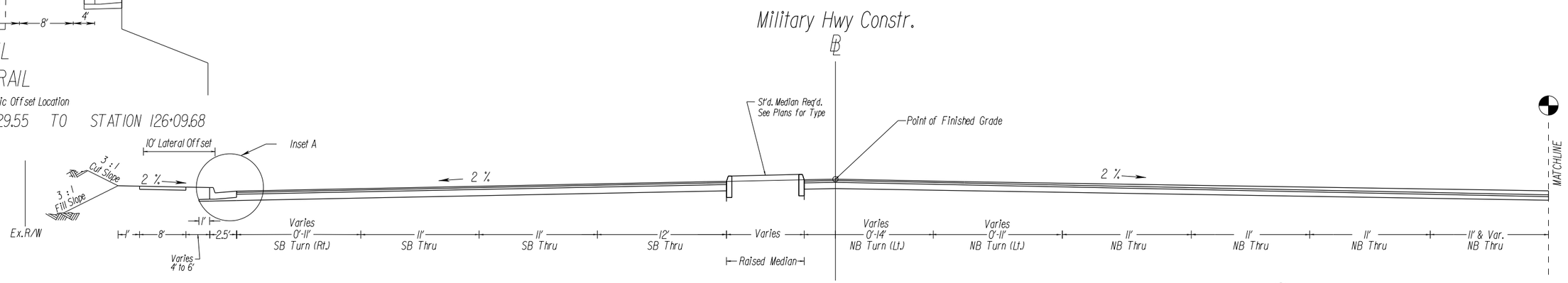


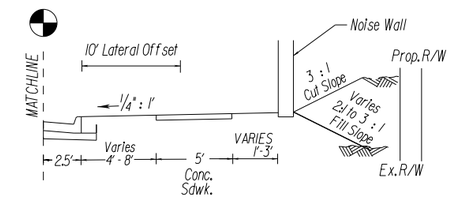
DETAIL
GUARDRAIL

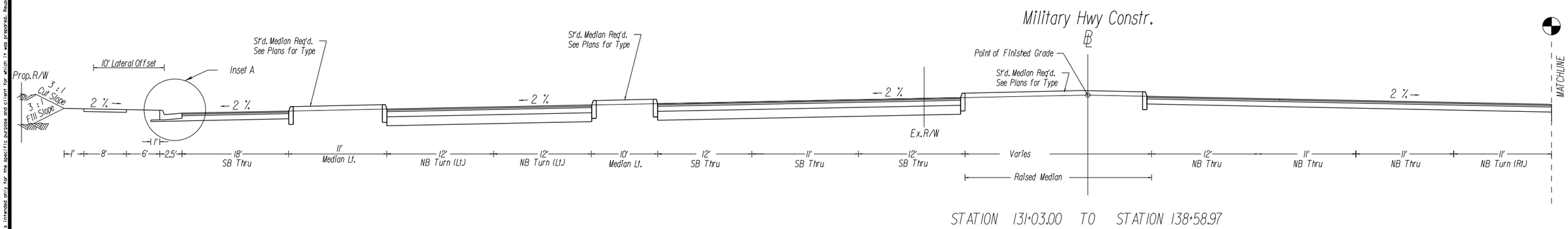
See Plans for Specific Offset Location

STATION 125+29.55 TO STATION 126+09.68

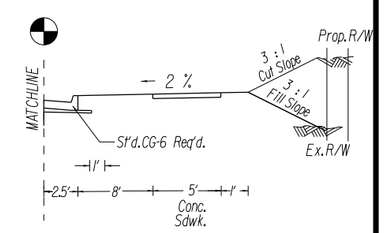


STATION 125+29.55 TO STATION 131+03.00





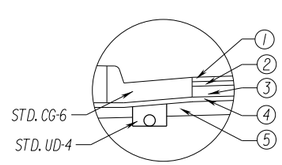
STATION 131+03.00 TO STATION 138+58.97



MILITARY HIGHWAY PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CTA. AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

INSET A



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

NOT TO SCALE	PROJECT 0165-122-V04	SHEET NO. 2A(2)

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3/3/23 PM brianumpfenter
7/23/2015

7/23/2015 K:\RIC_RDWY\103300_MilitaryHighway\CFN\CADD\REF\Sheets\Concept_Plans\31300102a(02).dgn

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(3)

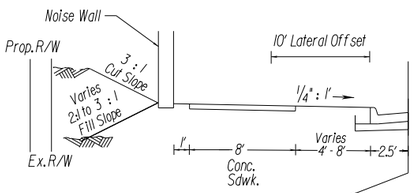
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

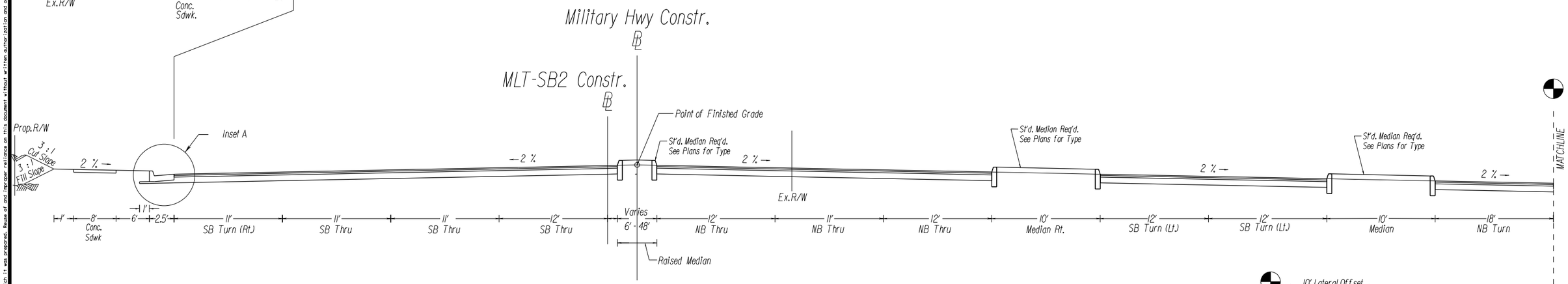
PRELIMINARY TYPICAL SECTIONS
MILITARY HIGHWAY MAINLINE

DETAIL
NOISE WALL

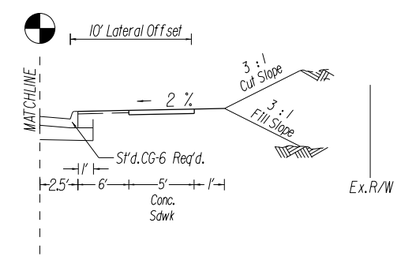
See Plans for Specific Offset Location

STATION 139+76.67 TO STATION 144+84.62

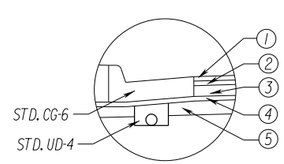




STATION 138+58.97 TO STATION 145+50.00



INSET A



MILITARY HIGHWAY PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CT.A. AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION
DATE: 07/27/15

NOT TO SCALE	PROJECT	SHEET NO.
	0165-122-V04	2A(3)

7/23/2015 3:43:24 PM brianungerer
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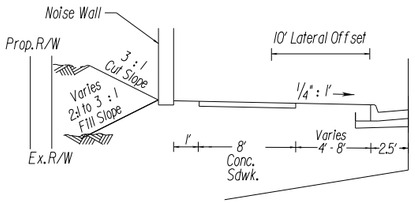
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(4)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

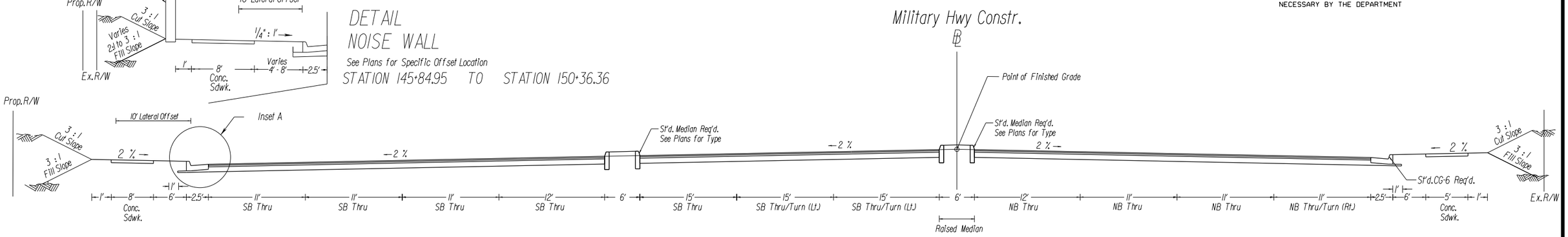
PRELIMINARY TYPICAL SECTIONS
MILITARY HIGHWAY MAINLINE



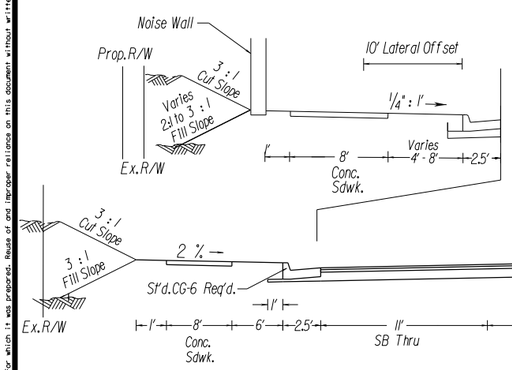
DETAIL NOISE WALL

See Plans for Specific Offset Location

STATION 145+84.95 TO STATION 150+36.36



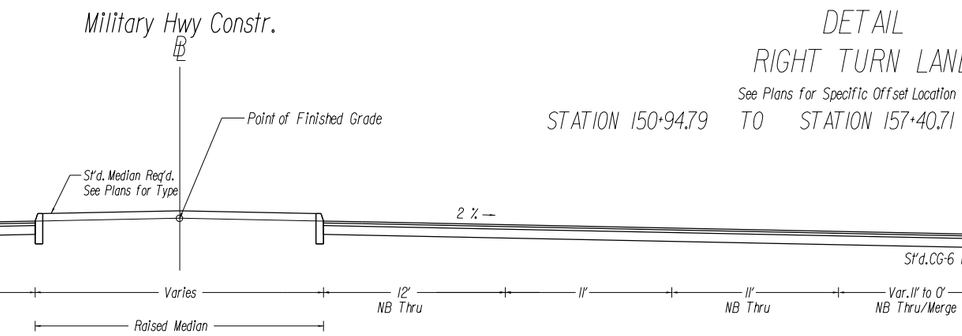
STATION 145+50.00 TO STATION 150+36.36



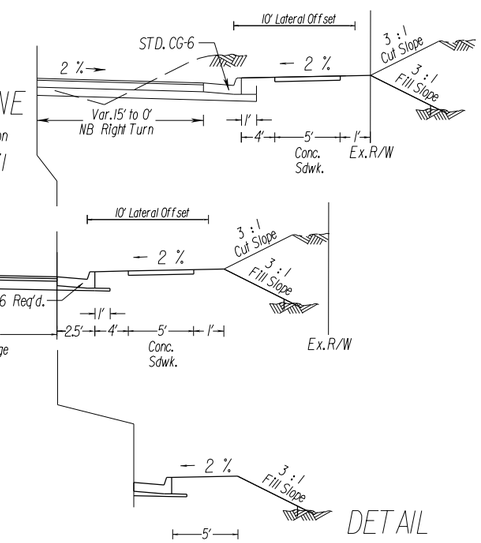
DETAIL NOISE WALL

See Plans for Specific Offset Location

STATION 150+36.36 TO STATION 153+69.15



STATION 150+36.36 TO STATION 161+00.00



DETAIL RIGHT TURN LANE

See Plans for Specific Offset Location

STATION 150+94.79 TO STATION 157+40.71

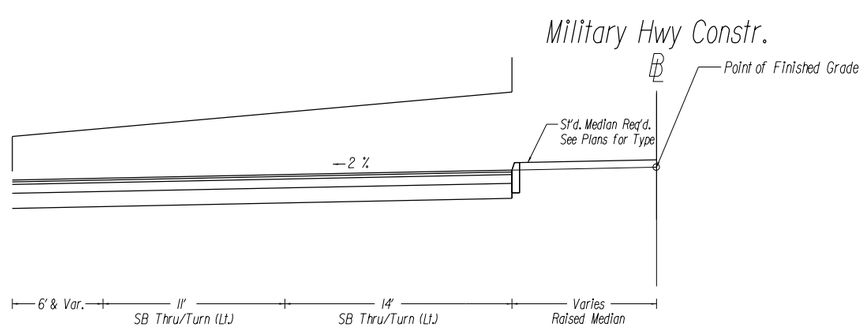
DETAIL NO SIDEWALK

See Plans for Specific Offset Location

STATION 157+40.71 TO STATION 161+00

MILITARY HIGHWAY PAVEMENT LAYERS

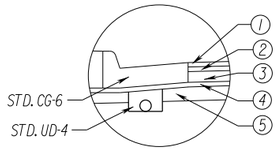
1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CTA. AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO. 21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT



See Plans for Specific Offset Location

STATION 150+36.36 TO STATION 154+38.34

INSET A



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION
DATE: 07/27/15

NOT TO SCALE	PROJECT 0165-122-V04	SHEET NO. 2A(4)

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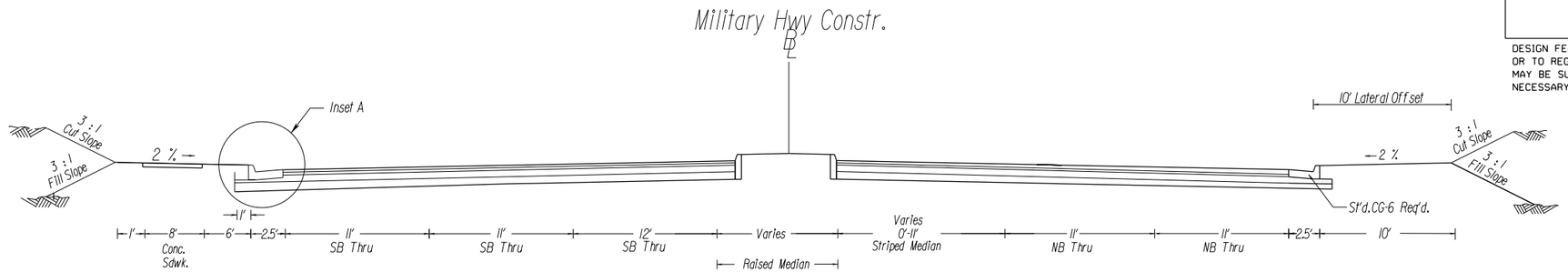
3:13:25 PM brianungaro
7/23/2015

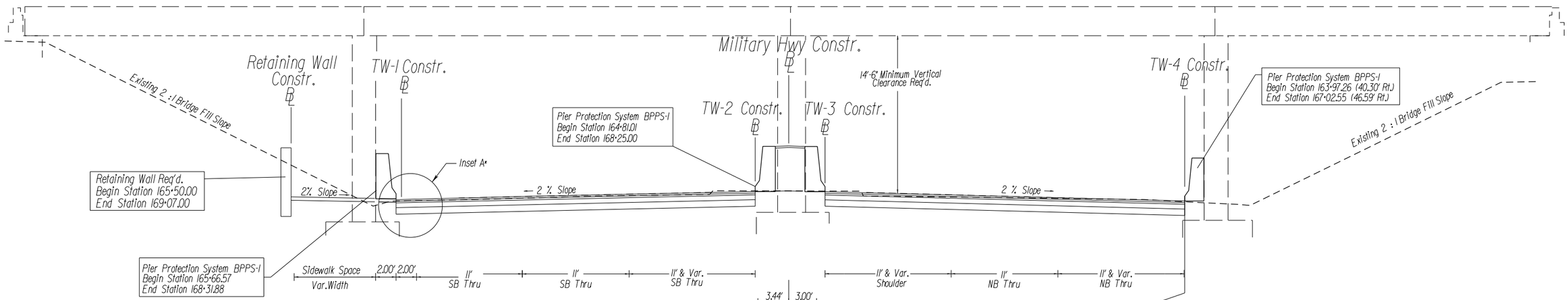
PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(5)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



STATION 161+00.00 TO STATION 163+97.26



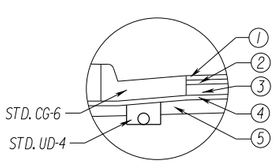
STATION 163+97.26 TO STATION 168+00.00

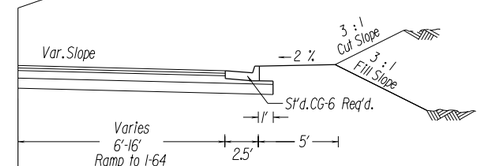
*Note: Pavement Design per Inset A without Curb and Gutter

MILITARY HIGHWAY PAVEMENT LAYERS

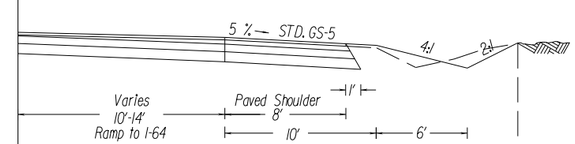
1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CT.A. AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

INSET A





STATION 167+10.64 TO STATION 167+45.60



STATION 167+45.60 TO STATION 168+00.00

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

NOT TO SCALE	PROJECT	SHEET NO.
	0165-122-181	2A(5)

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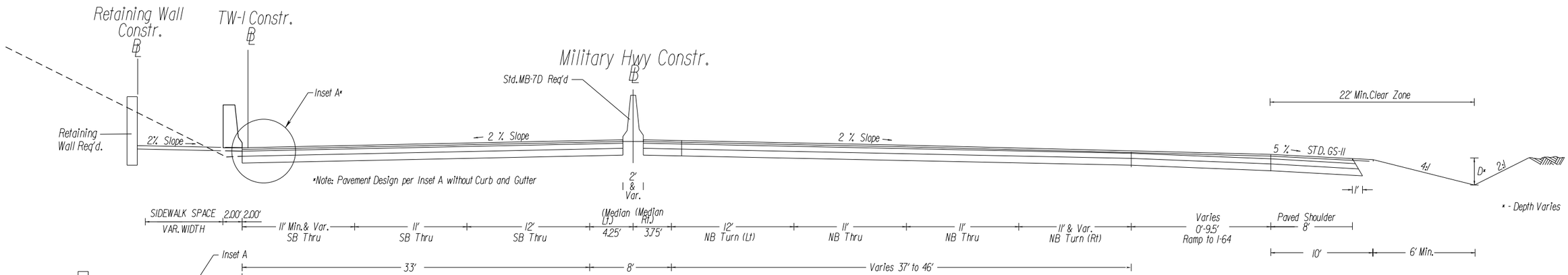
7/23/2015 3:43:26 PM brianmcdaniel
K:\RIC_RDWY\103130001_MilitaryHighwayCF\CADD\REF\Sheets\Concept_Plans\d313001b2a(05).dgn

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

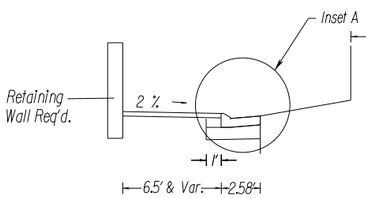
PRELIMINARY TYPICAL SECTION
MILITARY HIGHWAY MAINLINE

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(6)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



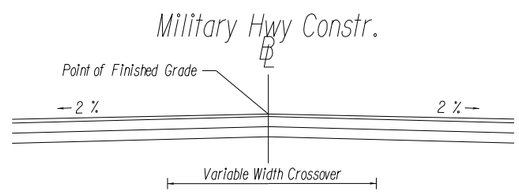
STATION 168+00.00 TO STATION 168+90.00



DETAIL
Curb & Gutter Section

See Plans for Specific Offset Location

STATION 168+31.88 TO STATION 168+90

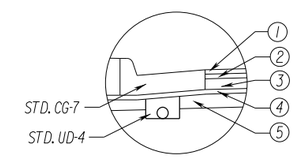


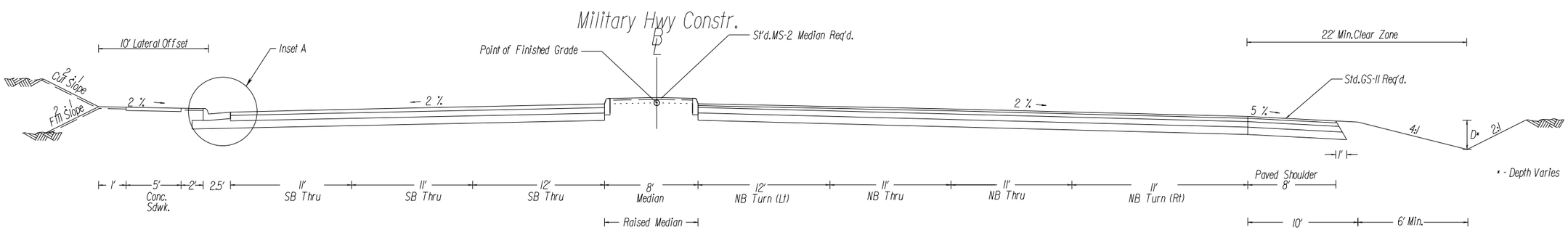
STATION 168+25.00 TO STATION 168+90.00
(Crossover)

MILITARY HIGHWAY PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CTA, AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

INSET A





STATION 168+90.00 TO STATION 171+93.26

NOT TO SCALE	PROJECT 0165-122-181	SHEET NO. 2A(6)

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3:32:26 PM brianungerer
7/23/2015

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Donny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(7)

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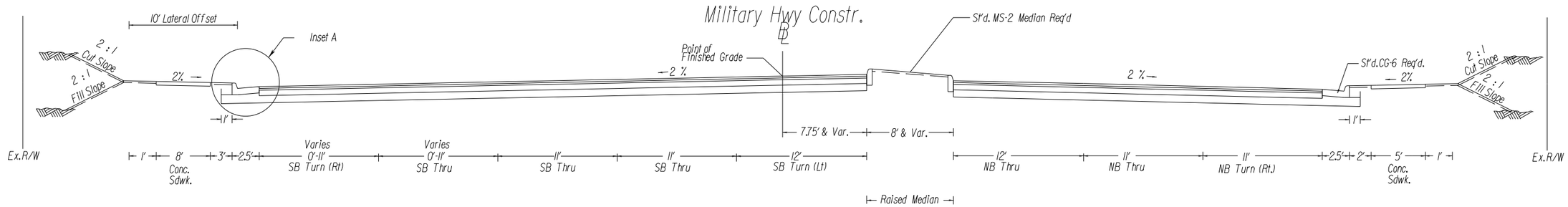
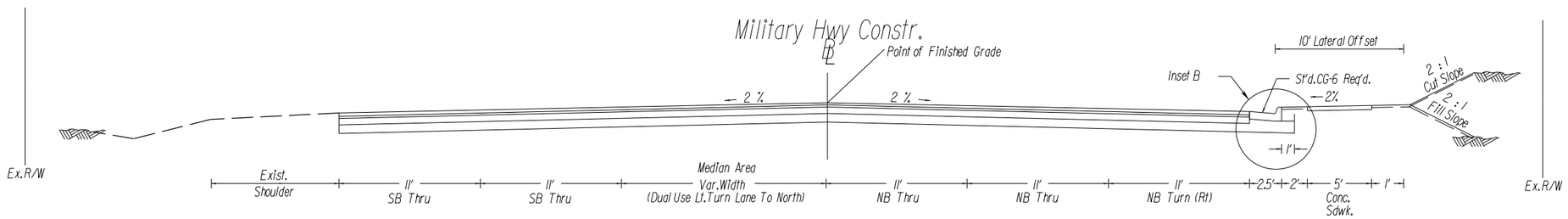
PRELIMINARY TYPICAL SECTION
MILITARY HIGHWAY MAINLINE



STATION 171+93.25 TO STATION 176+88.56

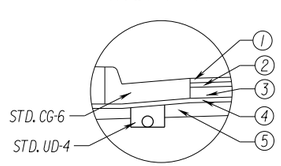


STATION 176+88.56 TO STATION 178+60.63

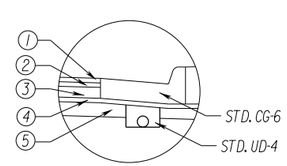
MILITARY HIGHWAY PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CTA. AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

INSET A



INSET B



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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NOT TO SCALE	PROJECT	SHEET NO.
	0165-122-181	2A(7)

7/23/2015 3:13:27 PM brianumpenhr
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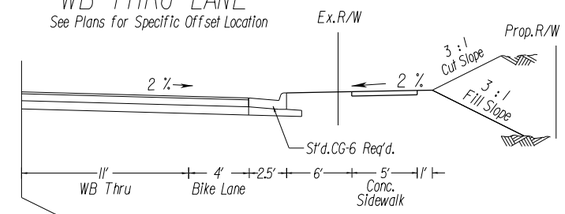
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

PRELIMINARY TYPICAL SECTIONS
PRINCESS ANNE ROAD

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(8)

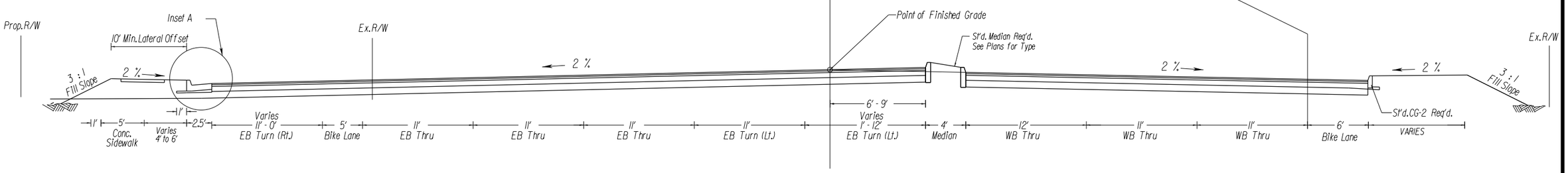
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

DETAIL
WB THRU LANE
See Plans for Specific Offset Location



STATION 212+50.00 TO STATION 219+00.00

Princess Anne Road Constr.
℄

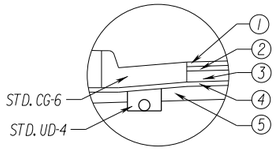


STATION 211+68.87 TO STATION 219+00.00

PRINCESS ANNE ROAD PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CTA, AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

INSET A



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

NOT TO SCALE	PROJECT 0165-122-V04	SHEET NO. 2A(8)

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7/23/2015 3:52:28 PM brianmcdaniel

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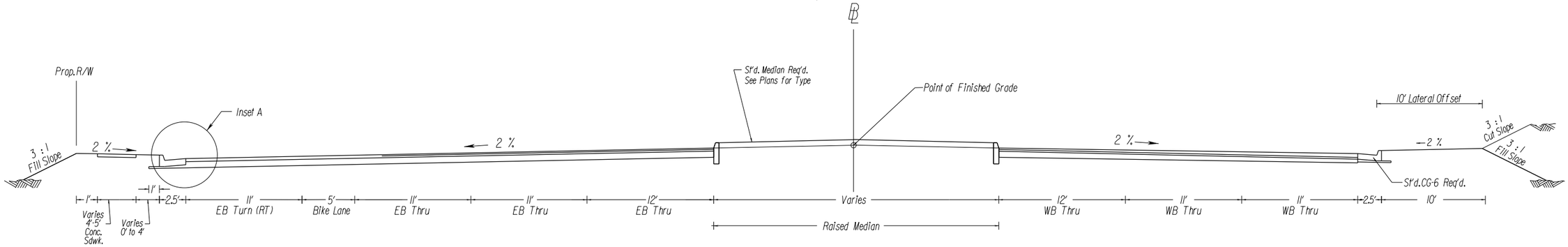
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

PRELIMINARY TYPICAL SECTIONS
NORTHAMPTON BLVD

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(9)

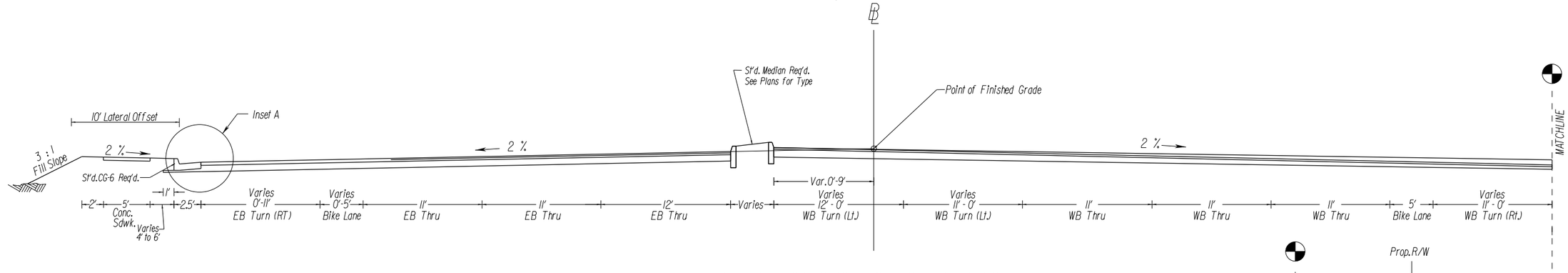
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Northampton Blvd Constr.

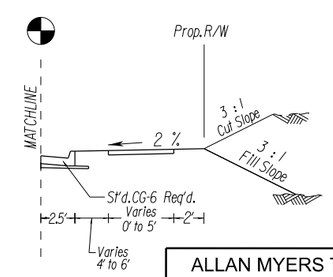


STATION 199+92.13 TO STATION 203+21.42

Northampton Blvd Constr.



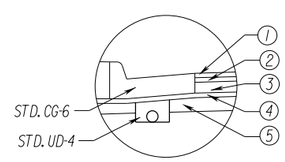
STATION 203+21.42 TO STATION 210+24.31



PRINCESS ANNE ROAD PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.Y.D
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CT.A. AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

INSET A



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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NOT TO SCALE	PROJECT	SHEET NO.
	0165-122-V04	2A(9)

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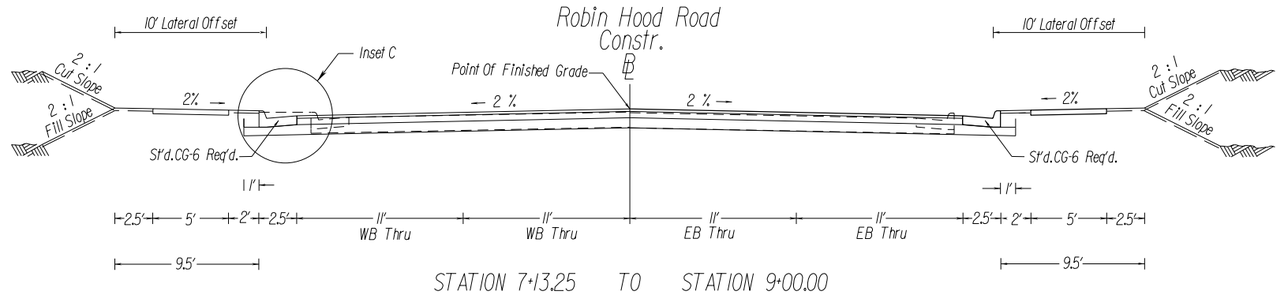
7/23/2015 3:53:29 PM brianmcpeters

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

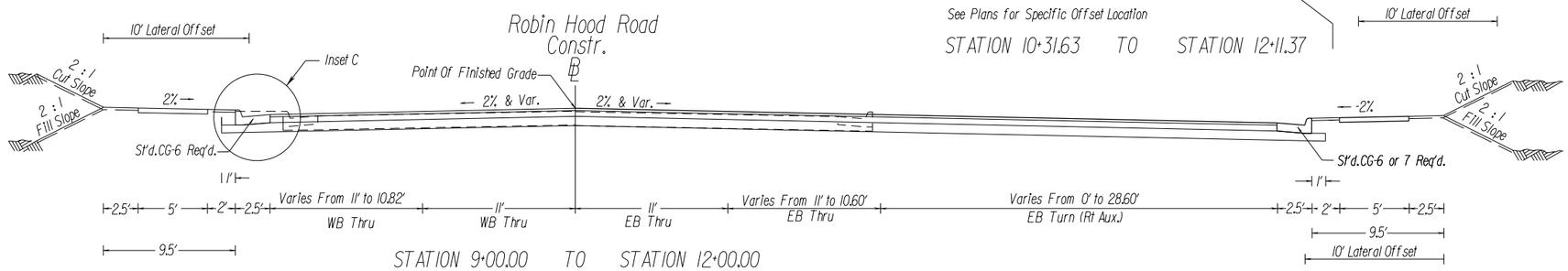
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(10)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

PRELIMINARY TYPICAL SECTION
ROBIN HOOD ROAD WEST

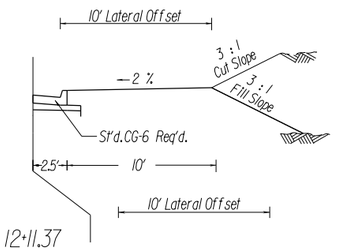


STATION 7+13.25 TO STATION 9+00.00



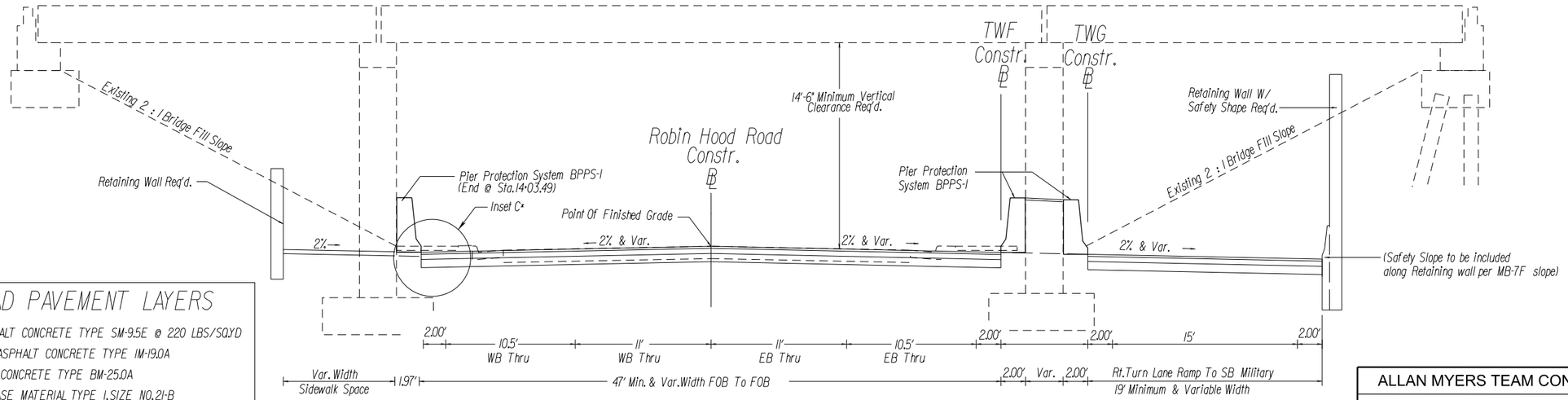
STATION 9+00.00 TO STATION 12+00.00

DETAIL
NO SIDEWALK



See Plans for Specific Offset Location

STATION 10+31.63 TO STATION 12+11.37



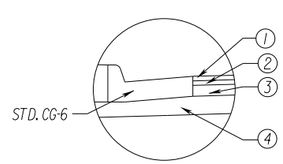
STATION 12+00.00 TO STATION 14+75.00

*Note: Pavement Design per Inset C without Curb and Gutter

ROBIN HOOD ROAD PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0A
3. BASE COURSE - 3.50" ASPHALT CONCRETE TYPE BM-25.0A
4. SUBBASE - 6.00" AGGREGATE BASE MATERIAL TYPE I, SIZE NO.21-B

INSET C



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

NOT TO SCALE	PROJECT 0165-122-181	SHEET NO. 2A(10)

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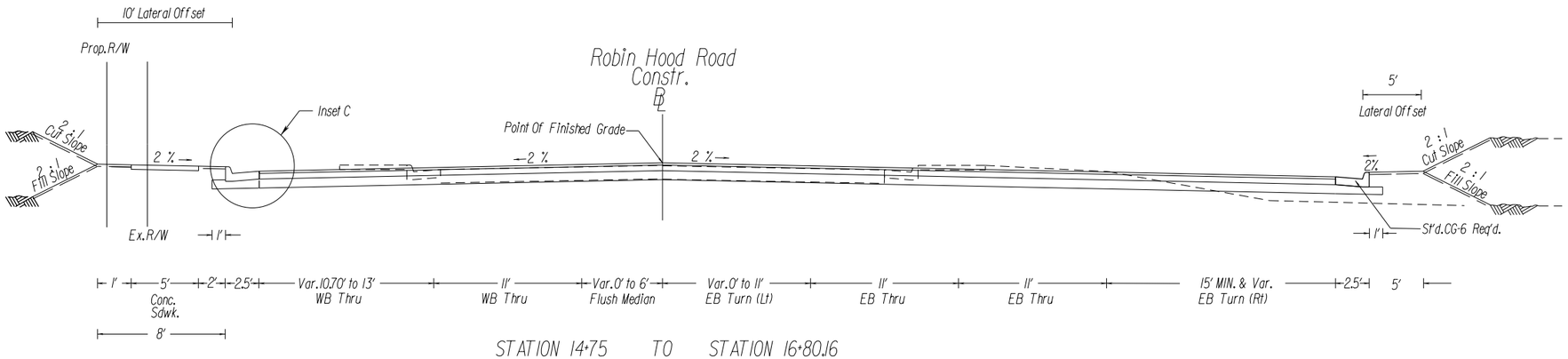
3:3:22 PM brianupdeter
7/23/2015

PROJECT MANAGER Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

PRELIMINARY TYPICAL SECTION
ROBIN HOOD ROAD WEST

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(11)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



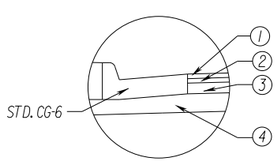
STATION 14+75 TO STATION 16+80.16

Robin Hood Rd. Constr.BL

ROBIN HOOD ROAD PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0A
3. BASE COURSE - 3.50" ASPHALT CONCRETE TYPE BM-25.0A
4. SUBBASE - 6.00" AGGREGATE BASE MATERIAL TYPE 1, SIZE NO.21-B

INSET C



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

NOT TO SCALE	PROJECT 0165-122-181	SHEET NO. 2A(11)

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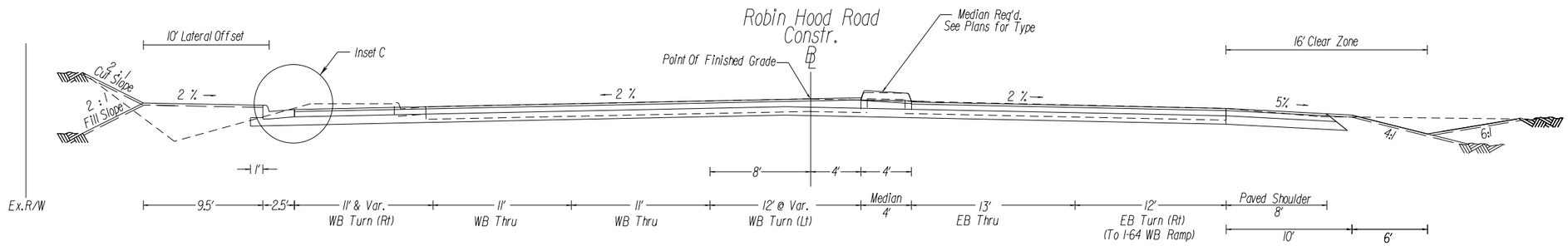
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

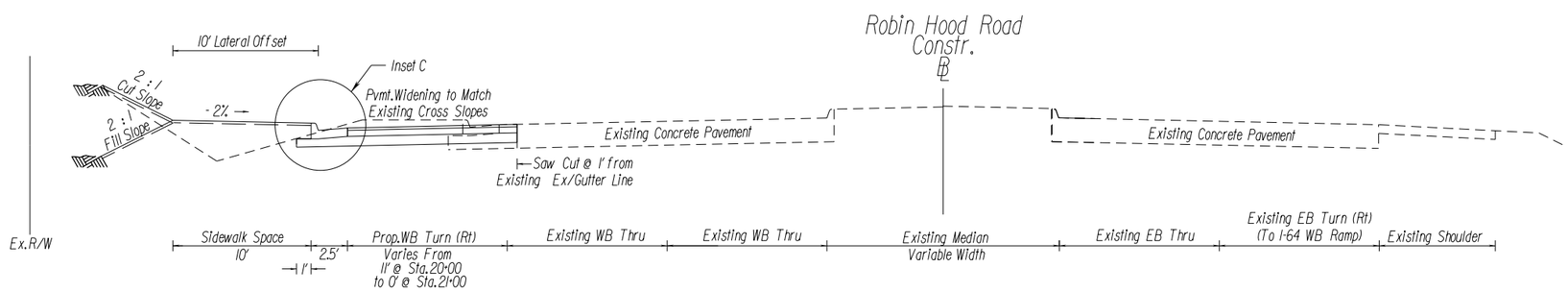
PRELIMINARY TYPICAL SECTION
ROBIN HOOD ROAD EAST

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(12)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



STATION 17+68.71 TO STATION 20+00.00

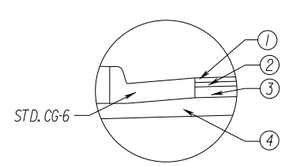


STATION 20+00.00 TO STATION 21+00.00

ROBIN HOOD ROAD PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0A
3. BASE COURSE - 3.50" ASPHALT CONCRETE TYPE BM-25.0A
4. SUBBASE - 6.00" AGGREGATE BASE MATERIAL TYPE I, SIZE NO. 21-B

INSET C



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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NOT TO SCALE	PROJECT 0165-122-181	SHEET NO. 2A(12)

3:13:31 PM brianungaferis
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PROJECT MANAGER Frank Fabian, P.E. (757) 494-5472 (Hampton Roads) _ _
SURVEYED BY, DATE Doney Williams, L.S. (757) 925-2652 (Hampton Roads) Updated 03/13/2015
DESIGN BY _ KIMLEY-HORN (757) 213-8600 _ _ _ _ _ _ _ _ _ _ .
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015 .

PRELIMINARY TYPICAL SECTION MILITARY HIGHWAY RAMPS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(13)

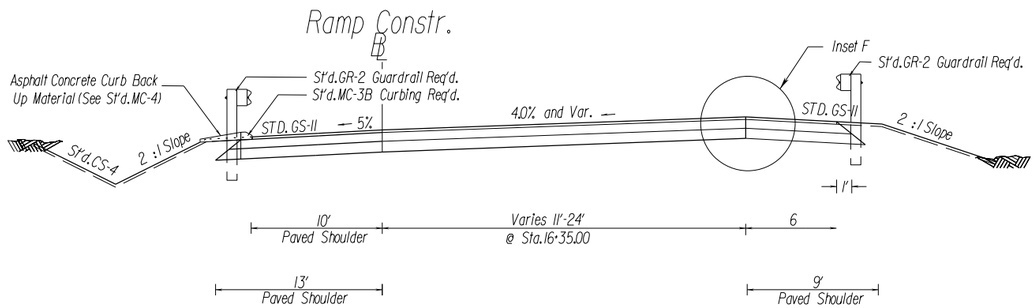
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

TYPICAL SECTION RTE. 1-64 OFF RAMP

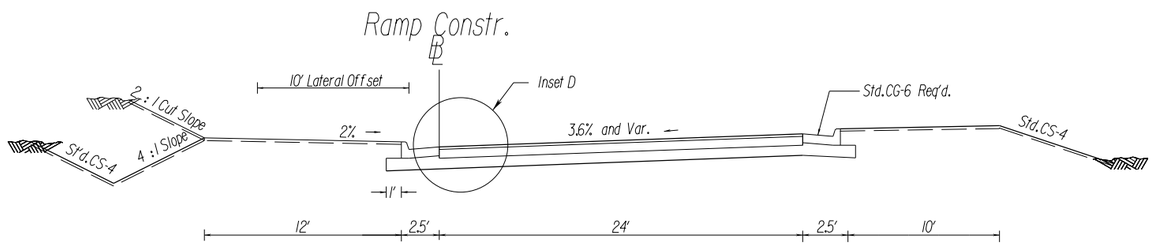
LEFT (OUTSIDE) GUARDRAIL REQUIREMENTS

End Installation of St'd.GR-2 @ Sta.15+81.68 (8.74' Lt.- (tie to exist.guardrail))
Install St'd.GR-2 at Sta.15+08.00 (5.97' Lt.(Break Pt.))
Install St'd.GR-2 from Sta.13+62.50 to 14+53.81 (8.00' Lt.)
Install St'd. GR-11 from Sta.15+10.50 to 15+25.00 (8.00' Lt.)

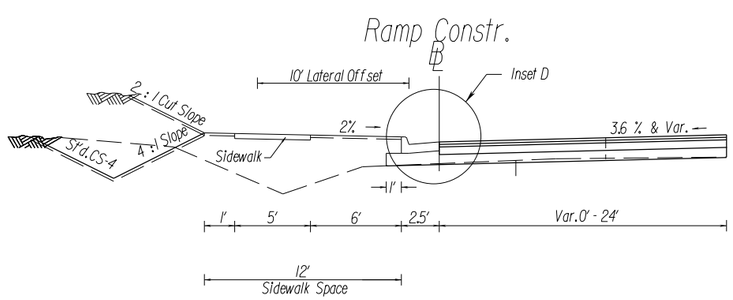
RIGHT (INSIDE) GUARDRAIL REQUIREMENTS
NOTE: THE ASPHALT CURBING & BACK UP MATERIAL IS NOT REQ'D. UNDER THE RIGHT SIDE CURBING.
End Placement of St'd.GR-2 @ Sta.18+80.52 (21.75' Rt - (tie to exist.guardrail.)
Install St'd.GR-2 from Sta.15+25.00 to 18+80.52 (28.00' Rt.to 21.75' Rt.)
Install St'd. GR-11 from Sta.15+10.50 to 15+25.00 (28.00' Rt.)



STATION 14+73.53 TO STATION 18+83.58

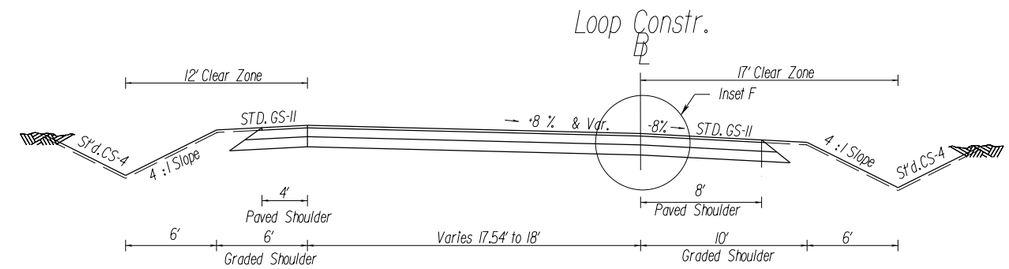


STATION 13+60.00 TO STATION 14+73.53

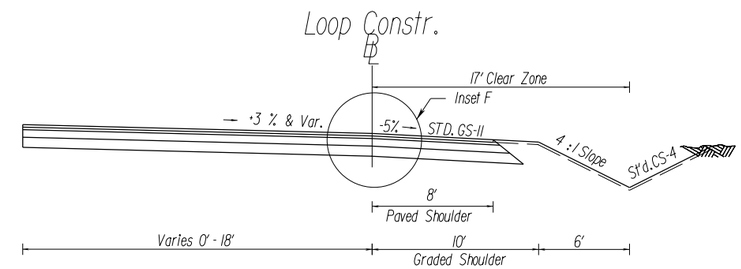


STATION 10+00.00 TO STATION 13+60.00

TYPICAL SECTION RTE. 1-64 ON LOOP STA. 10+00.00 TO 13+90.40



STATION 11+82.56 TO STATION 13+90.40



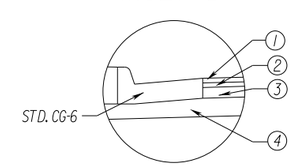
STATION 10+00.00 TO STATION 11+82.56

I-64 RAMP AND LOOP PAVEMENT LAYERS

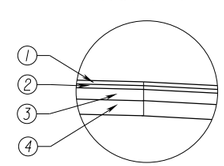
1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0A
3. BASE COURSE - 4" ASPHALT CONCRETE TYPE BM-25.0A
4. SUBBASE - BASE MATERIAL TYPE I, SIZE NO.21-B

6. SUBBASE - BASE MATERIAL TYPE I, SIZE NO.21-A

INSET D



INSET F



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

NOT TO SCALE	PROJECT	SHEET NO.
	0165-122-181	2A(13)

brianumpenhr
3:53:31 PM
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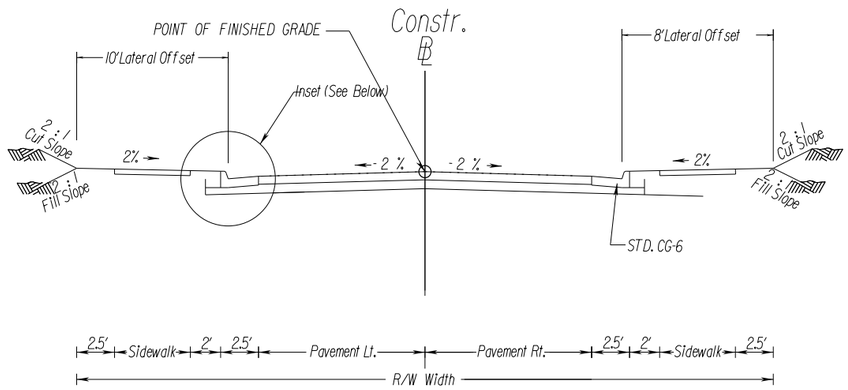
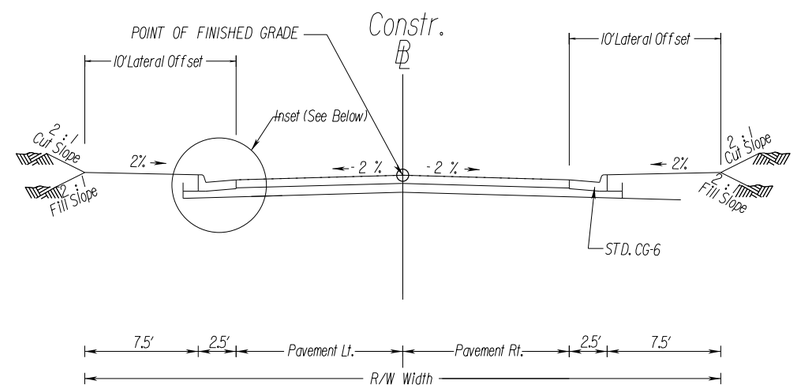
SURVEYED BY, DATE Danny Williams, L.S. (757) 925-2652 (Hampton Roads), Updated 03/13/2015
DESIGN BY Kimley-Horn (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

PRELIMINARY TYPICAL SECTION
CONNECTION ROADS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	13	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(14)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT





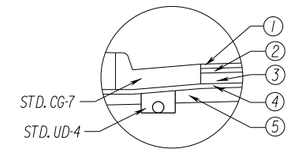
MILITARY HIGHWAY PAVEMENT LAYERS

1. SURFACE COURSE - 2.00" ASPHALT CONCRETE TYPE SM-9.5E @ 220 LBS/SQ.YD
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CTA, AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO. 21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

Roadway	Sheet No.	Station To Station	Pavement Left	Pavement Right	Pavement Inset
Commecial Entr. No. 1 Lt. (West)	5	10+54.58 to 11+33.50	3 - 12' = Lanes Out	1 - 18' = Lane In 10.47' Rt(Exist. Median) to 28.51' Rt.	Type IV (Below)
Commercial Entr. No. 1 Rt. (East)		10+54.78 to 11+00.37	2 - 12' = Lanes Out 16.86' Lt.	1 - 12' = Lane In 19.47' Rt.	Type IV (Below)
Commercial Entr. No. 2 Lt. (West)	6	10+54.80 to 11+17.12	1 - 13' = Lane Out 19.31' Lt. to 6.16' Lt. (Existing Median)	1 - 12.75' = Lane In 3.99' Rt(Exist. Median) to 16.75' Rt.	Type IV (Below)
Comm. Entr. No. 2 (Lake Herbert) (VoTech Entrance)		10+55.55 to 11+36.50	1 - 13.5' = Lane Out 13.00' Lt.	1 - 13.5' = Lane In 10.47' Rt.	Type IV (Below)

Roadway	Sheet No.	Station To Station	Pavement Left	Pavement Right	Pavement Inset
Lewis Road	8	10+47.58 to 11+51.00	1 - 13' = Lane In	1 - 13' = Lane Out	Inset A
Cornick Road		10+00.00 to 11+23.84	1 - 9' = Lane		Inset A
Commercial Entr. No. 3 Rt. (East)		10+53.88 to 11+48.18	1 - 10' = Lane In	1 - 10' = Lane In	Type IV (Below)
Elizabeth Avenue West	10	10+99.40 to 11+98.41	1 - 18' = Lane Out See Plan for Proposed Median Location	2 - 15' = Lanes In See Plan for Proposed Median Location	Inset A
Elizabeth Avenue East		10+54.14 to 11+73.65	1 - 11.5' = Lane Out	1 - 11.5' = Lane In	Inset A

INSET A



PRIVATE AND COMMERCIAL ENTRANCES

TYPE I
Crusher Run Aggr.
6" Crusher Run Aggr. 25 or 26

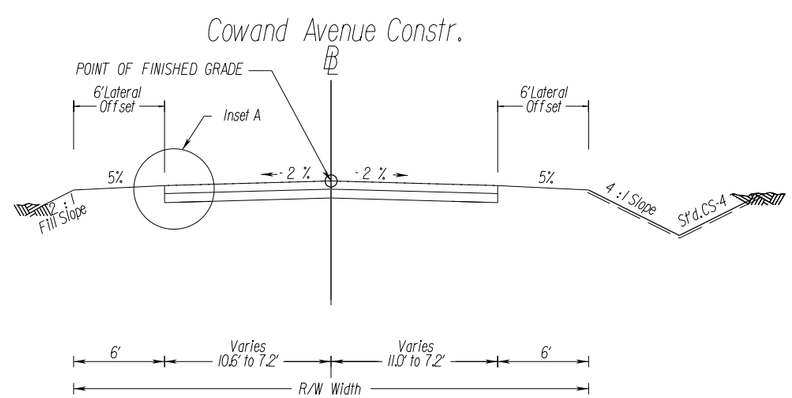
TYPE II
Concrete
Concrete Entrance Pavement 7" HES
4" Aggr. Base Mat'l. Ty. I No. 21B

NOT TO SCALE

TYPE III
Asphalt
Asphalt Conc. Type SM-9.5A or SM-9.5D @ 220 Lbs. per S.Y.
4" Aggr. Base Mat'l. Ty. I No. 21B

TYPE IV
Asphalt Commercial
Asphalt Conc. Type SM-9.5A or SM-9.5D @ 165 Lbs. per S.Y.
4" Asphalt Conc. Base Course BM-25.0
6" Aggr. Base Mat'l. Ty. I No. 21B

The type of entrance (I, II, III, IV) to be constructed will be determined by the existing condition at the time of construction.



ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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NOT TO SCALE	PROJECT	SHEET NO.
	0013-122-V03	2A(14)

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7/23/2015 3:13:32 PM brianundeters

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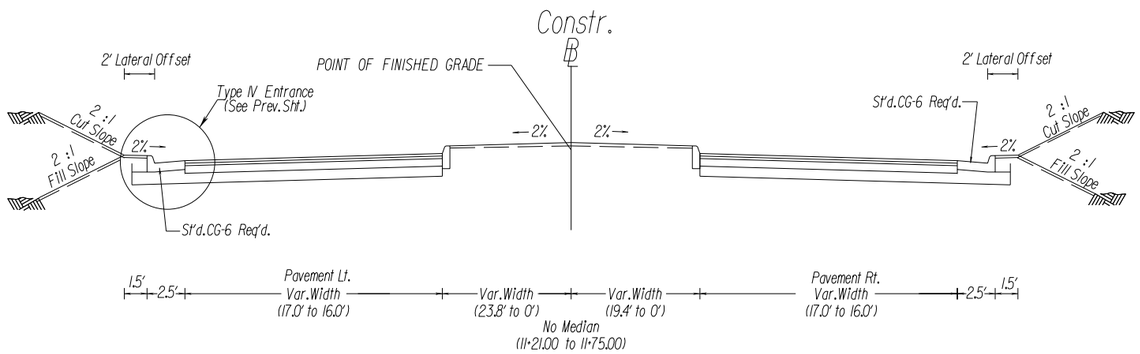
DESIGN BY KIMLEY-HORN (757) 213-8600
SUBSURFACE UTILITY BY, DATE Cardno TBE (757) 467-2100 03/24/2015

PRELIMINARY TYPICAL SECTIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	165	0013-122-V03,RW-203,C-503 0165-122-V04,RW-201,C-501 0165-122-181,RW-201,C-501	2A(15)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

POLICE TRAINING CENTER ENTRANCE (ACADEMY DRIVE)



STATION 10+55.00 TO STATION 11+75.00

MILITARY HIGHWAY PAVEMENT LAYERS

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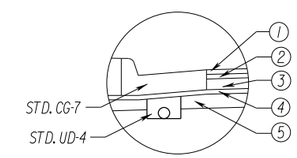
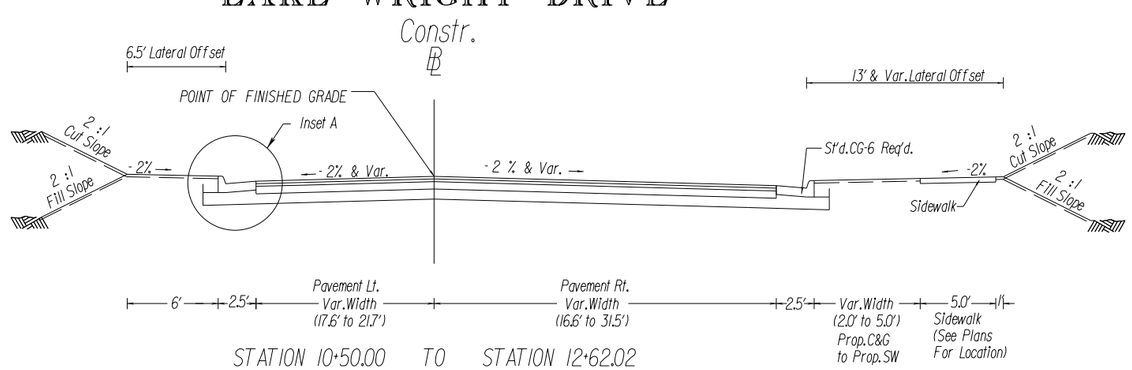
2. INTERMEDIATE COURSE - 2.00" ASPHALT CONCRETE TYPE IM-19.0D
3. BASE COURSE - 5.00" ASPHALT CONCRETE TYPE BM-25.0A
4. OPEN GRADED DRAINAGE LAYER - 2.00" TIED TO UD-4
5. SUBBASE - 6.00" CT A, AGGREGATE TREATED AGGREGATE BASE MATERIAL TYPE I, SIZE NO. 21-A, PUGMILL MIXED WITH CEMENT 4% BY WEIGHT

INSET A



LAKE WRIGHT DRIVE



STATION 10+50.00 TO STATION 12+62.02

ALLAN MYERS TEAM CONCEPT

ALLAN MYERS

Kimley»Horn

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DATE: 07/27/15

NOT TO SCALE	PROJECT 0165-122-181	SHEET NO. 2A(15)

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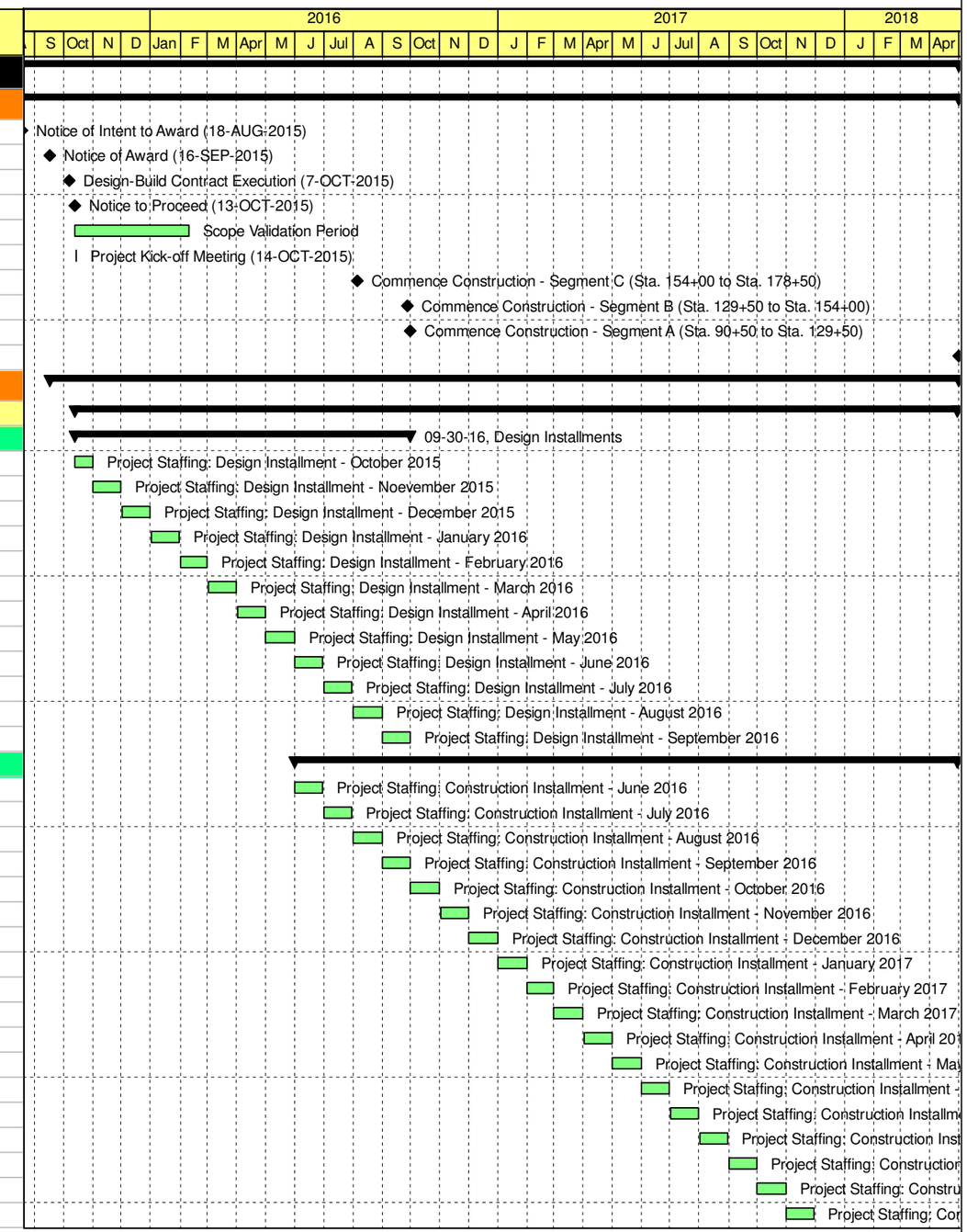
3:33:33 PM brianmcdevitt
7/23/2015

4.2.3
Proposal Schedule

Activity ID	Activity Name	Original Duration	Start	Finish
Military Highway Continuous Flow Intersection DB - Norfolk, VA		706	08-18-15	05-01-18
Project Milestones		706	08-18-15	05-01-18
MI00001000	Notice of Intent to Award (18-AUG-2015)	0	08-18-15	
MI00001010	Notice of Award (16-SEP-2015)	0	09-16-15*	
MI00001020	Design-Build Contract Execution (7-OCT-2015)	0	10-07-15*	
MI00001030	Notice to Proceed (13-OCT-2015)	0	10-13-15*	
MI00001050	Scope Validation Period	120	10-13-15	02-09-16
MI00001040	Project Kick-off Meeting (14-OCT-2015)	1	10-14-15	10-14-15
MI00001080	Commence Construction - Segment C (Sta. 154+00 to Sta. 178+50)	0	08-05-16	
MI00001070	Commence Construction - Segment B (Sta. 129+50 to Sta. 154+00)	0	09-27-16	
MI00001060	Commence Construction - Segment A (Sta. 90+50 to Sta. 129+50)	0	10-01-16	
MI00001090	Project Final Completion (01-MAY-2018)	0		05-01-18
Project Administration		685	09-16-15	05-01-18
Project Supervision		665	10-13-15	04-30-18
Design Installments		254	10-13-15	09-30-16
PASUDI0010	Project Staffing: Design Installment - October 2015	19	10-13-15	10-31-15
PASUDI0020	Project Staffing: Design Installment - Noevember 2015	30	11-01-15	11-30-15
PASUDI0030	Project Staffing: Design Installment - December 2015	31	12-01-15	12-31-15
PASUDI0040	Project Staffing: Design Installment - January 2016	31	01-01-16	01-31-16
PASUDI0050	Project Staffing: Design Installment - February 2016	29	02-01-16	02-29-16
PASUDI0060	Project Staffing: Design Installment - March 2016	31	03-01-16	03-31-16
PASUDI0070	Project Staffing: Design Installment - April 2016	30	04-01-16	04-30-16
PASUDI0080	Project Staffing: Design Installment - May 2016	31	05-01-16	05-31-16
PASUDI0090	Project Staffing: Design Installment - June 2016	30	06-01-16	06-30-16
PASUDI0100	Project Staffing: Design Installment - July 2016	31	07-01-16	07-31-16
PASUDI0110	Project Staffing: Design Installment - August 2016	31	08-01-16	08-31-16
PASUDI0120	Project Staffing: Design Installment - September 2016	30	09-01-16	09-30-16
Construction Installments		499	06-01-16	04-30-18
PASUCI0010	Project Staffing: Construction Installment - June 2016	30	06-01-16	06-30-16
PASUCI0020	Project Staffing: Construction Installment - July 2016	31	07-01-16	07-31-16
PASUCI0030	Project Staffing: Construction Installment - August 2016	31	08-01-16	08-31-16
PASUCI0040	Project Staffing: Construction Installment - September 2016	30	09-01-16	09-30-16
PASUCI0050	Project Staffing: Construction Installment - October 2016	31	10-01-16	10-31-16
PASUCI0060	Project Staffing: Construction Installment - November 2016	30	11-01-16	11-30-16
PASUCI0070	Project Staffing: Construction Installment - December 2016	31	12-01-16	12-31-16
PASUCI0080	Project Staffing: Construction Installment - January 2017	31	01-01-17	01-31-17
PASUCI0090	Project Staffing: Construction Installment - February 2017	28	02-01-17	02-28-17
PASUCI0100	Project Staffing: Construction Installment - March 2017	31	03-01-17	03-31-17
PASUCI0110	Project Staffing: Construction Installment - April 2017	30	04-01-17	04-30-17
PASUCI0120	Project Staffing: Construction Installment - May 2017	31	05-01-17	05-31-17
PASUCI0130	Project Staffing: Construction Installment - June 2017	30	06-01-17	06-30-17
PASUCI0140	Project Staffing: Construction Installment - July 2017	31	07-01-17	07-31-17
PASUCI0150	Project Staffing: Construction Installment - August 2017	31	08-01-17	08-31-17
PASUCI0160	Project Staffing: Construction Installment - September 2017	30	09-01-17	09-30-17
PASUCI0170	Project Staffing: Construction Installment - October 2017	31	10-01-17	10-31-17
PASUCI0180	Project Staffing: Construction Installment - November 2017	30	11-01-17	11-30-17



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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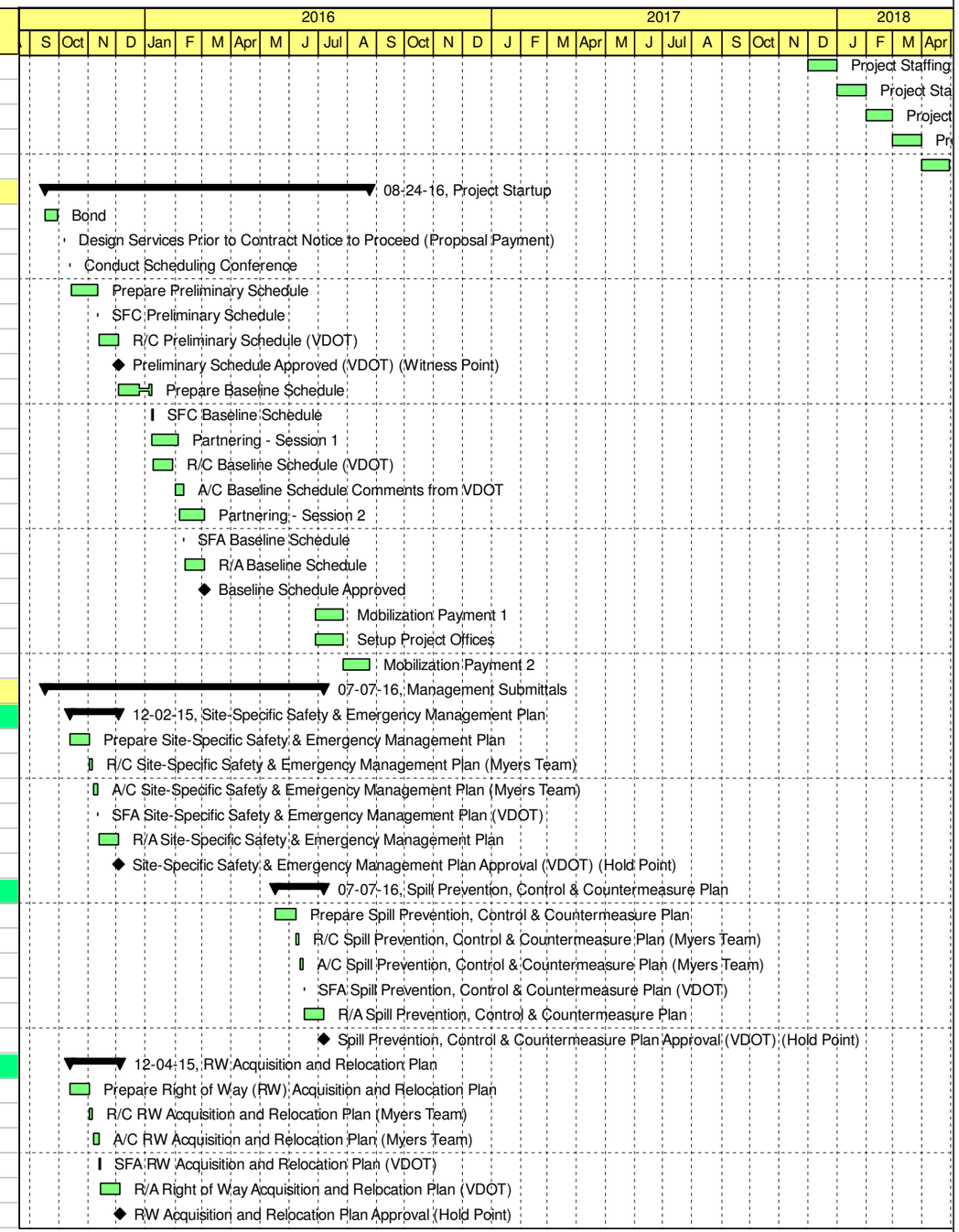
Activity ID	Activity Name	Original Duration	Start	Finish
PASUCI0190	Project Staffing: Construction Installment - December 2017	31	12-01-17	12-31-17
PASUCI0200	Project Staffing: Construction Installment - January 2018	31	01-01-18	01-31-18
PASUCI0210	Project Staffing: Construction Installment - February 2018	28	02-01-18	02-28-18
PASUCI0220	Project Staffing: Construction Installment - March 2018	31	03-01-18	03-31-18
PASUCI0230	Project Staffing: Construction Installment - April 2018	30	04-01-18	04-30-18
Project Startup		246	09-16-15	08-24-16
PAPS001000	Bond	10	09-16-15	09-29-15
PAPS001010	Design Services Prior to Contract Notice to Proceed (Proposal Payment)	1	10-07-15	10-07-15
PAPS002000	Conduct Scheduling Conference	1	10-13-15	10-13-15
PAPS002010	Prepare Preliminary Schedule	20	10-14-15	11-10-15
PAPS002020	SFC Preliminary Schedule	1	11-11-15	11-11-15
PAPS002030	R/C Preliminary Schedule (VDOT)	21	11-12-15	12-02-15
PAPS002040	Preliminary Schedule Approved (VDOT) (Witness Point)	0		12-02-15
PAPS002050	Prepare Baseline Schedule	20	12-03-15	01-07-16
PAPS002060	SFC Baseline Schedule	1	01-08-16	01-08-16
PAPS001020	Partnering - Session 1	20	01-08-16	02-04-16
PAPS002070	R/C Baseline Schedule (VDOT)	21	01-09-16	01-29-16
PAPS002080	A/C Baseline Schedule Comments from VDOT	7	02-01-16	02-09-16
PAPS001030	Partnering - Session 2	20	02-05-16	03-03-16
PAPS002090	SFA Baseline Schedule	1	02-10-16	02-10-16
PAPS002100	R/A Baseline Schedule	21	02-11-16	03-02-16
PAPS002110	Baseline Schedule Approved	0		03-02-16
PAPS001050	Mobilization Payment 1	20	06-29-16	07-27-16
PAPS001040	Setup Project Offices	20	06-29-16	07-27-16
PAPS001060	Mobilization Payment 2	20	07-28-16	08-24-16
Management Submittals		212	09-16-15	07-07-16
Site-Specific Safety & Emergency Management Plan		37	10-13-15	12-02-15
PAMSA01000	Prepare Site-Specific Safety & Emergency Management Plan	15	10-13-15	11-02-15
PAMSA01010	R/C Site-Specific Safety & Emergency Management Plan (Myers Team)	3	11-03-15	11-05-15
PAMSA01020	A/C Site-Specific Safety & Emergency Management Plan (Myers Team)	3	11-06-15	11-10-15
PAMSA01030	SFA Site-Specific Safety & Emergency Management Plan (VDOT)	1	11-11-15	11-11-15
PAMSA01040	R/A Site-Specific Safety & Emergency Management Plan	21	11-12-15	12-02-15
PAMSA01050	Site-Specific Safety & Emergency Management Plan Approval (VDOT) (Hold Point)	0		12-02-15
Spill Prevention, Control & Countermeasure Plan		38	05-17-16	07-07-16
PAMSB01000	Prepare Spill Prevention, Control & Countermeasure Plan	15	05-17-16	06-07-16
PAMSB01010	R/C Spill Prevention, Control & Countermeasure Plan (Myers Team)	3	06-08-16	06-10-16
PAMSB01020	A/C Spill Prevention, Control & Countermeasure Plan (Myers Team)	3	06-13-16	06-15-16
PAMSB01030	SFA Spill Prevention, Control & Countermeasure Plan (VDOT)	1	06-16-16	06-16-16
PAMSB01040	R/A Spill Prevention, Control & Countermeasure Plan	21	06-17-16	07-07-16
PAMSB01050	Spill Prevention, Control & Countermeasure Plan Approval (VDOT) (Hold Point)	0		07-07-16
RW Acquisition and Relocation Plan		39	10-13-15	12-04-15
PAMSD01000	Prepare Right of Way (RW) Acquisition and Relocation Plan	15	10-13-15	11-02-15
PAMSD01010	R/C RW Acquisition and Relocation Plan (Myers Team)	3	11-03-15	11-05-15
PAMSD01020	A/C RW Acquisition and Relocation Plan (Myers Team)	5	11-06-15	11-12-15
PAMSD01030	SFA RW Acquisition and Relocation Plan (VDOT)	1	11-13-15	11-13-15
PAMSD01040	R/A Right of Way Acquisition and Relocation Plan (VDOT)	21	11-14-15	12-04-15
PAMSD01050	RW Acquisition and Relocation Plan Approval (Hold Point)	0		12-04-15



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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Activity ID	Activity Name	Original Duration	Start	Finish
QA/QC Plan		58	09-16-15	12-04-15
PAQASB1000	Prepare QA/QC Plan	15	09-16-15	10-06-15
PAQASB1010	R/C QA/QC Plan (Myers Team)	3	10-07-15	10-09-15
PAQASB1020	A/C QA/QC Plan (Myers Team)	3	10-12-15	10-14-15
PAQASB1030	SFC QA/QC Plan (VDOT)	1	10-15-15	10-15-15
PAQASB1050	R/C QA/QC Plan	21	10-16-15	11-05-15
PAQASB1040	DM/QAM QA/QC Plan Presentation (Witness Point)	1	10-16-15	10-16-15
PAQASB1060	A/C QA/QC Plan	5	11-06-15	11-12-15
PAQASB1070	SFA QA/QC Plan	1	11-13-15	11-13-15
PAQASB1080	R/A QA/QC Plan	21	11-14-15	12-04-15
PAQASB1090	QA/QC Plan Approval (VDOT) (Hold Point)	0		12-04-15
Public Information and Communication Plan		104	10-13-15	03-04-16
PAMSE01000	Prepare Public Information and Communication Plan (PICP)	20	10-13-15	11-09-15
PAMSE01010	SFC PICP (Myers Team)	10	11-10-15	11-23-15
PAMSE01020	A/C PICP (Myers Team)	20	11-24-15	12-23-15
PAMSE01030	SFC PICP (VDOT)	1	12-24-15	12-24-15
PAMSE01040	R/C PICP (VDOT)	21	12-25-15	01-14-16
PAMSE01050	A/C PICP	20	01-15-16	02-11-16
PAMSE01060	SFA PICP (VDOT)	1	02-12-16	02-12-16
PAMSE01070	R/A PICP	21	02-13-16	03-04-16
PAMSE01080	PICP Approval (VDOT) (Hold Point)	0		03-04-16
Quality Assurance		665	10-13-15	04-30-18
Design Installment		254	10-13-15	09-30-16
PAQAQAD010	Quality Assurance: Design Installment - October 2015	19	10-13-15	10-31-15
PAQAQAD020	Quality Assurance: Design Installment - November 2015	30	11-01-15	11-30-15
PAQAQAD030	Quality Assurance: Design Installment - December 2015	31	12-01-15	12-31-15
PAQAQAD040	Quality Assurance: Design Installment - January 2016	31	01-01-16	01-31-16
PAQAQAD050	Quality Assurance: Design Installment - February 2016	29	02-01-16	02-29-16
PAQAQAD060	Quality Assurance: Design Installment - March 2016	31	03-01-16	03-31-16
PAQAQAD070	Quality Assurance: Design Installment - April 2016	30	04-01-16	04-30-16
PAQAQAD080	Quality Assurance: Design Installment - May 2016	31	05-01-16	05-31-16
PAQAQAD090	Quality Assurance: Design Installment - June 2016	30	06-01-16	06-30-16
PAQAQAD100	Quality Assurance: Design Installment - July 2016	31	07-01-16	07-31-16
PAQAQAD110	Quality Assurance: Design Installment - August 2016	31	08-01-16	08-31-16
PAQAQAD120	Quality Assurance: Design Installment - September 2016	30	09-01-16	09-30-16
Construction Installment		499	06-01-16	04-30-18
PAQACI0010	Quality Assurance: Construction Installment - June 2016	30	06-01-16	06-30-16
PAQACI0020	Quality Assurance: Construction Installment - July 2016	31	07-01-16	07-31-16
PAQACI0030	Quality Assurance: Construction Installment - August 2016	31	08-01-16	08-31-16
PAQACI0040	Quality Assurance: Construction Installment - September 2016	30	09-01-16	09-30-16
PAQACI0050	Quality Assurance: Construction Installment - October 2016	31	10-01-16	10-31-16
PAQACI0060	Quality Assurance: Construction Installment - November 2016	30	11-01-16	11-30-16
PAQACI0070	Quality Assurance: Construction Installment - December 2016	31	12-01-16	12-31-16
PAQACI0080	Quality Assurance: Construction Installment - January 2017	31	01-01-17	01-31-17
PAQACI0090	Quality Assurance: Construction Installment - February 2017	28	02-01-17	02-28-17
PAQACI0100	Quality Assurance: Construction Installment - March 2017	31	03-01-17	03-31-17
PAQACI0110	Quality Assurance: Construction Installment - April 2017	30	04-01-17	04-30-17

Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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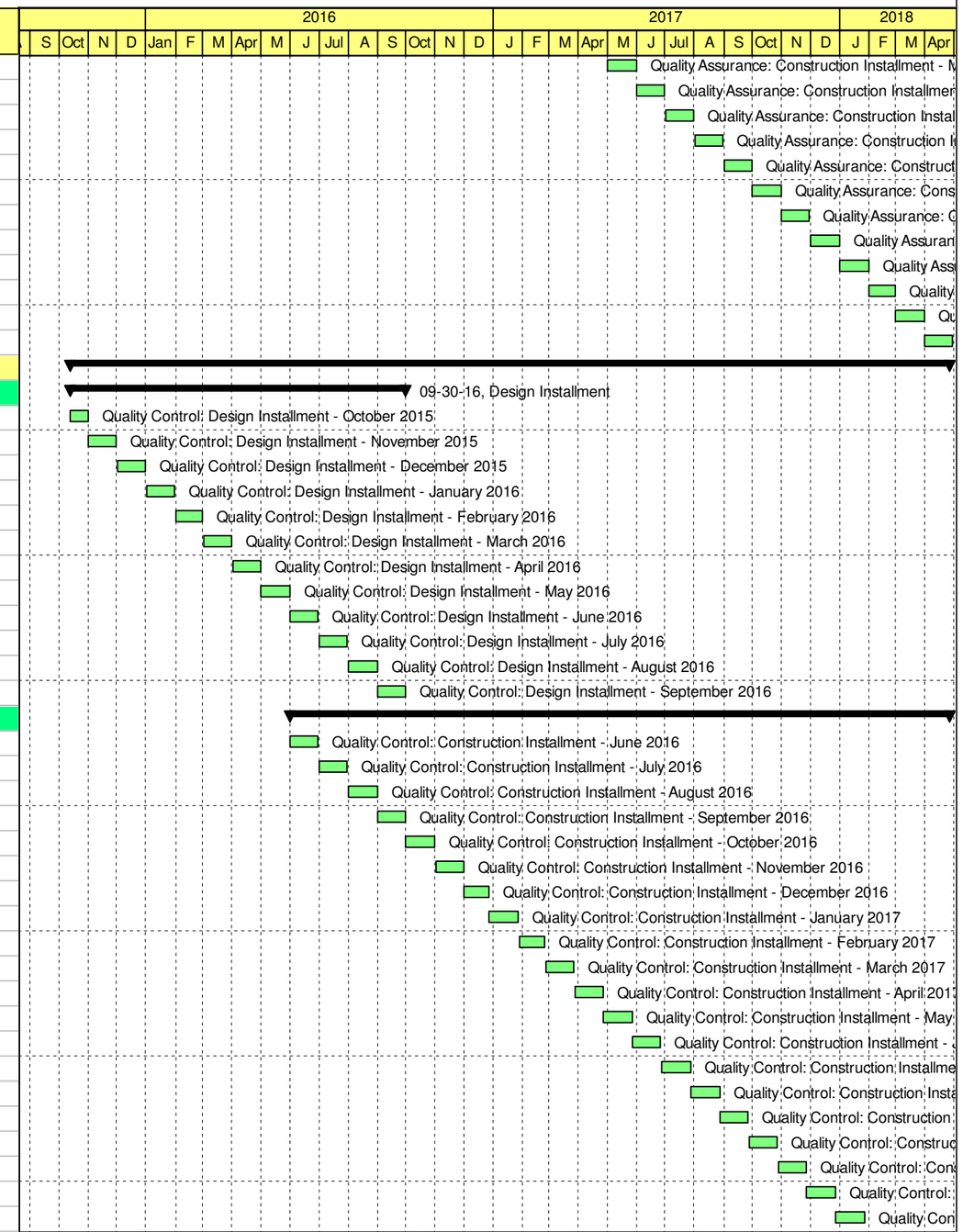
Activity ID	Activity Name	Original Duration	Start	Finish
PAQACI0120	Quality Assurance: Construction Installment - May 2017	31	05-01-17	05-31-17
PAQACI0130	Quality Assurance: Construction Installment - June 2017	30	06-01-17	06-30-17
PAQACI0140	Quality Assurance: Construction Installment - July 2017	31	07-01-17	07-31-17
PAQACI0150	Quality Assurance: Construction Installment - August 2017	31	08-01-17	08-31-17
PAQACI0160	Quality Assurance: Construction Installment - September 2017	30	09-01-17	09-30-17
PAQACI0170	Quality Assurance: Construction Installment - October 2017	31	10-01-17	10-31-17
PAQACI0180	Quality Assurance: Construction Installment - November 2017	30	11-01-17	11-30-17
PAQACI0190	Quality Assurance: Construction Installment - December 2017	31	12-01-17	12-31-17
PAQACI0200	Quality Assurance: Construction Installment - January 2018	31	01-01-18	01-31-18
PAQACI0210	Quality Assurance: Construction Installment - February 2018	28	02-01-18	02-28-18
PAQACI0220	Quality Assurance: Construction Installment - March 2018	31	03-01-18	03-31-18
PAQACI0230	Quality Assurance: Construction Installment - April 2018	30	04-01-18	04-30-18
Quality Control		663	10-13-15	04-26-18
Design Installment		254	10-13-15	09-30-16
PAQCDI0010	Quality Control: Design Installment - October 2015	19	10-13-15	10-31-15
PAQCDI0020	Quality Control: Design Installment - November 2015	30	11-01-15	11-30-15
PAQCDI0030	Quality Control: Design Installment - December 2015	31	12-01-15	12-31-15
PAQCDI0040	Quality Control: Design Installment - January 2016	31	01-01-16	01-31-16
PAQCDI0050	Quality Control: Design Installment - February 2016	29	02-01-16	02-29-16
PAQCDI0060	Quality Control: Design Installment - March 2016	31	03-01-16	03-31-16
PAQCDI0070	Quality Control: Design Installment - April 2016	30	04-01-16	04-30-16
PAQCDI0080	Quality Control: Design Installment - May 2016	31	05-01-16	05-31-16
PAQCDI0090	Quality Control: Design Installment - June 2016	30	06-01-16	06-30-16
PAQCDI0100	Quality Control: Design Installment - July 2016	31	07-01-16	07-31-16
PAQCDI0110	Quality Control: Design Installment - August 2016	31	08-01-16	08-31-16
PAQCDI0120	Quality Control: Design Installment - September 2016	30	09-01-16	09-30-16
Construction Installment		497	06-01-16	04-26-18
PAQCCI0010	Quality Control: Construction Installment - June 2016	30	06-01-16	06-30-16
PAQCCI0020	Quality Control: Construction Installment - July 2016	31	07-01-16	07-31-16
PAQCCI0030	Quality Control: Construction Installment - August 2016	31	08-01-16	08-31-16
PAQCCI0040	Quality Control: Construction Installment - September 2016	30	09-01-16	09-30-16
PAQCCI0050	Quality Control: Construction Installment - October 2016	31	10-01-16	10-31-16
PAQCCI0060	Quality Control: Construction Installment - November 2016	30	11-01-16	11-30-16
PAQCCI0070	Quality Control: Construction Installment - December 2016	27	12-01-16	12-27-16
PAQCCI0080	Quality Control: Construction Installment - January 2017	31	12-28-16	01-27-17
PAQCCI0090	Quality Control: Construction Installment - February 2017	28	01-28-17	02-24-17
PAQCCI0100	Quality Control: Construction Installment - March 2017	31	02-25-17	03-27-17
PAQCCI0110	Quality Control: Construction Installment - April 2017	30	03-28-17	04-26-17
PAQCCI0120	Quality Control: Construction Installment - May 2017	31	04-27-17	05-27-17
PAQCCI0130	Quality Control: Construction Installment - June 2017	30	05-28-17	06-26-17
PAQCCI0140	Quality Control: Construction Installment - July 2017	31	06-27-17	07-27-17
PAQCCI0150	Quality Control: Construction Installment - August 2017	31	07-28-17	08-27-17
PAQCCI0160	Quality Control: Construction Installment - September 2017	30	08-28-17	09-26-17
PAQCCI0170	Quality Control: Construction Installment - October 2017	31	09-27-17	10-27-17
PAQCCI0180	Quality Control: Construction Installment - November 2017	30	10-28-17	11-26-17
PAQCCI0190	Quality Control: Construction Installment - December 2017	31	11-27-17	12-27-17
PAQCCI0200	Quality Control: Construction Installment - January 2018	31	12-28-17	01-27-18



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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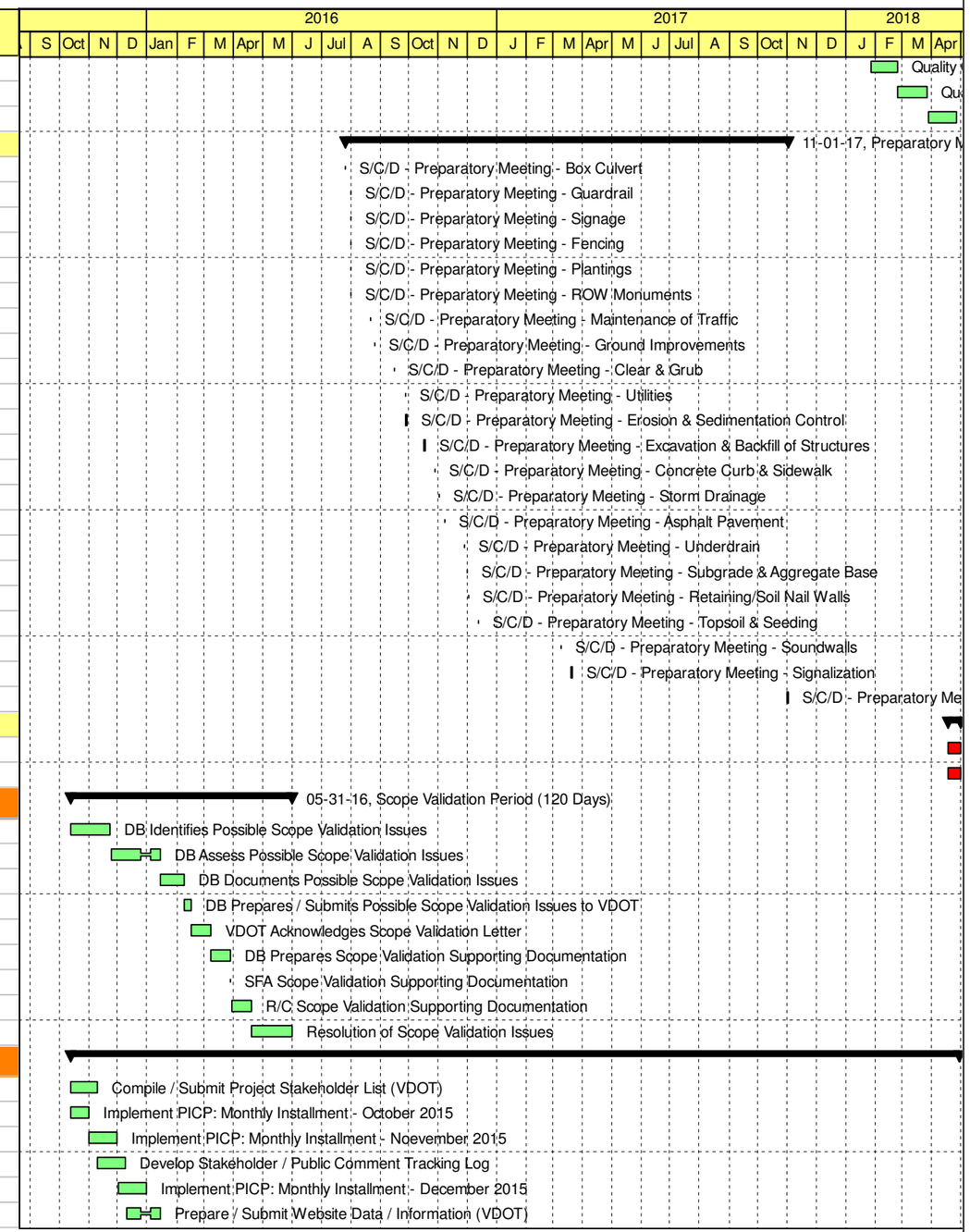
Activity ID	Activity Name	Original Duration	Start	Finish
PAQCCI0210	Quality Control: Construction Installment - February 2018	28	01-28-18	02-24-18
PAQCCI0220	Quality Control: Construction Installment - March 2018	31	02-25-18	03-27-18
PAQCCI0230	Quality Control: Construction Installment - April 2018	30	03-28-18	04-26-18
Preparatory Meetings		332	07-26-16	11-01-17
PAPM001140	S/C/D - Preparatory Meeting - Box Culvert	1	07-26-16	07-26-16
PAPM001150	S/C/D - Preparatory Meeting - Guardrail	1	08-01-16	08-01-16
PAPM001170	S/C/D - Preparatory Meeting - Signage	1	08-01-16	08-01-16
PAPM001190	S/C/D - Preparatory Meeting - Fencing	1	08-01-16	08-01-16
PAPM001200	S/C/D - Preparatory Meeting - Plantings	1	08-01-16	08-01-16
PAPM001210	S/C/D - Preparatory Meeting - ROW Monuments	1	08-01-16	08-01-16
PAPM001010	S/C/D - Preparatory Meeting - Maintenance of Traffic	1	08-22-16	08-22-16
PAPM001050	S/C/D - Preparatory Meeting - Ground Improvements	1	08-26-16	08-26-16
PAPM001030	S/C/D - Preparatory Meeting - Clear & Grub	1	09-16-16	09-16-16
PAPM001000	S/C/D - Preparatory Meeting - Utilities	1	09-27-16	09-27-16
PAPM001020	S/C/D - Preparatory Meeting - Erosion & Sedimentation Control	1	09-28-16	09-28-16
PAPM001060	S/C/D - Preparatory Meeting - Excavation & Backfill of Structures	1	10-17-16	10-17-16
PAPM001100	S/C/D - Preparatory Meeting - Concrete Curb & Sidewalk	1	10-28-16	10-28-16
PAPM001040	S/C/D - Preparatory Meeting - Storm Drainage	1	11-01-16	11-01-16
PAPM001110	S/C/D - Preparatory Meeting - Asphalt Pavement	1	11-07-16	11-07-16
PAPM001090	S/C/D - Preparatory Meeting - Underdrain	1	11-28-16	11-28-16
PAPM001080	S/C/D - Preparatory Meeting - Subgrade & Aggregate Base	1	12-01-16	12-01-16
PAPM001070	S/C/D - Preparatory Meeting - Retaining/Soil Nail Walls	1	12-02-16	12-02-16
PAPM001120	S/C/D - Preparatory Meeting - Topsoil & Seeding	1	12-12-16	12-12-16
PAPM001130	S/C/D - Preparatory Meeting - Soundwalls	1	03-09-17	03-09-17
PAPM001160	S/C/D - Preparatory Meeting - Signalization	1	03-20-17	03-20-17
PAPM001180	S/C/D - Preparatory Meeting - Pavement Markings	1	11-01-17	11-01-17
Project Closeout		10	04-18-18	05-01-18
PAPC0010210	Complete Closeout Documentation / As-Built Drawings	14	04-18-18	05-01-18
PAPC001000	Punchlist / Demobilize	10	04-18-18	05-01-18
Scope Validation Period (120 Days)		166	10-13-15	05-31-16
SV00001000	DB Identifies Possible Scope Validation Issues	30	10-13-15	11-23-15
SV00001010	DB Assess Possible Scope Validation Issues	30	11-24-15	01-14-16
SV00001020	DB Documents Possible Scope Validation Issues	17	01-15-16	02-08-16
SV00001030	DB Prepares / Submits Possible Scope Validation Issues to VDOT	5	02-09-16	02-15-16
SV00001040	VDOT Acknowledges Scope Validation Letter	21	02-16-16	03-07-16
SV00001050	DB Prepares Scope Validation Supporting Documentation	20	03-08-16	03-27-16
SV00001060	SFA Scope Validation Supporting Documentation	1	03-28-16	03-28-16
SV00001070	R/C Scope Validation Supporting Documentation	21	03-29-16	04-18-16
SV00001080	Resolution of Scope Validation Issues	30	04-19-16	05-31-16
Public Information and Communication		665	10-13-15	04-30-18
PI00001000	Compile / Submit Project Stakeholder List (VDOT)	20	10-13-15	11-09-15
PI00001100	Implement PICP: Monthly Installment - October 2015	19	10-13-15	10-31-15
PI00001110	Implement PICP: Monthly Installment - Noevember 2015	30	11-01-15	11-30-15
PI00001010	Develop Stakeholder / Public Comment Tracking Log	20	11-10-15	12-09-15
PI00001120	Implement PICP: Monthly Installment - December 2015	31	12-01-15	12-31-15
PI00001020	Prepare / Submit Website Data / Information (VDOT)	20	12-10-15	01-14-16



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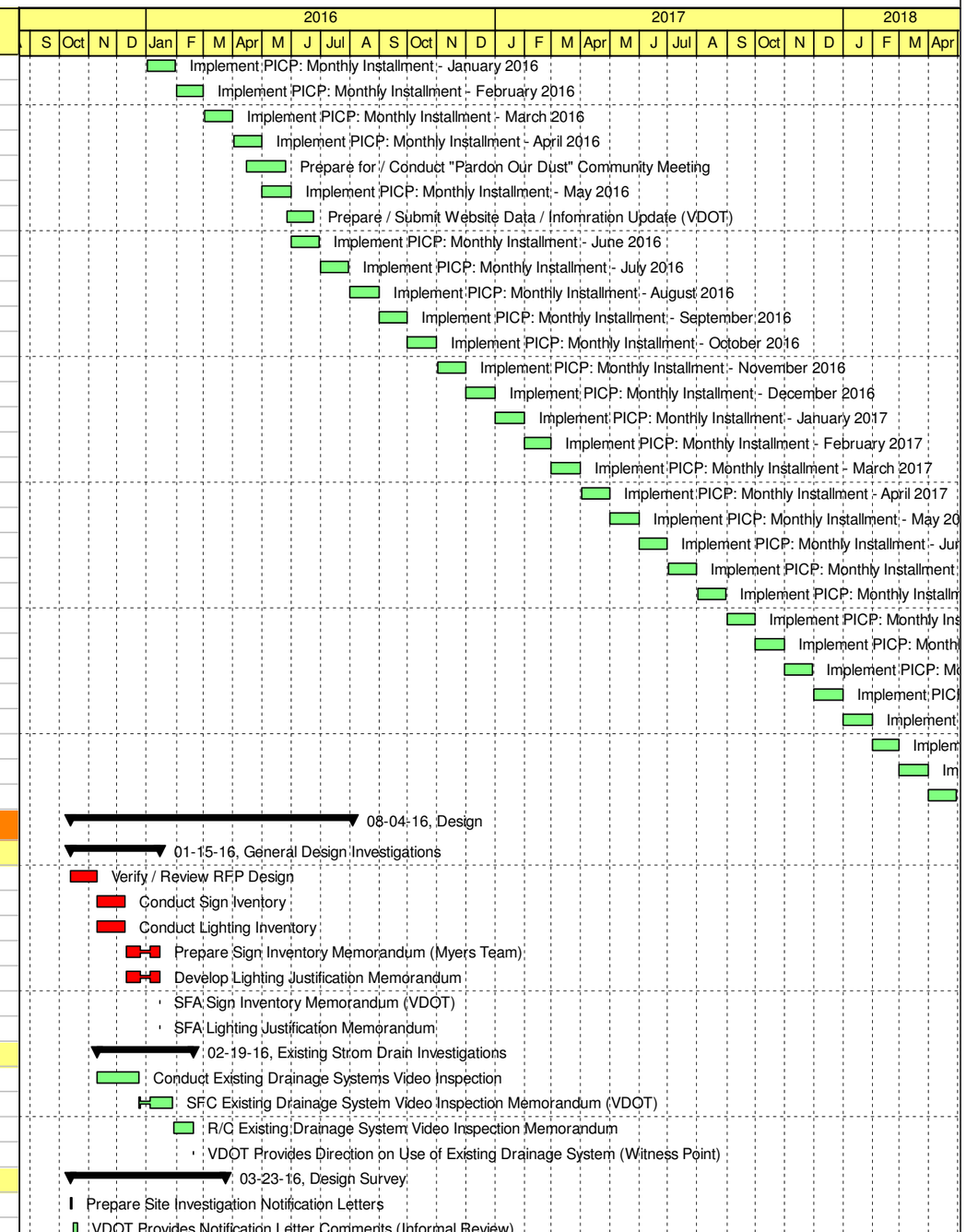
Activity ID	Activity Name	Original Duration	Start	Finish
PI00001130	Implement PICP: Monthly Installment - January 2016	31	01-01-16	01-31-16
PI00001140	Implement PICP: Monthly Installment - February 2016	29	02-01-16	02-29-16
PI00001150	Implement PICP: Monthly Installment - March 2016	31	03-01-16	03-31-16
PI00001160	Implement PICP: Monthly Installment - April 2016	30	04-01-16	04-30-16
PI00001030	Prepare for / Conduct "Pardon Our Dust" Community Meeting	30	04-15-16	05-26-16
PI00001170	Implement PICP: Monthly Installment - May 2016	31	05-01-16	05-31-16
PI00001040	Prepare / Submit Website Data / Infomration Update (VDOT)	20	05-27-16	06-24-16
PI00001180	Implement PICP: Monthly Installment - June 2016	30	06-01-16	06-30-16
PI00001190	Implement PICP: Monthly Installment - July 2016	31	07-01-16	07-31-16
PI00001200	Implement PICP: Monthly Installment - August 2016	31	08-01-16	08-31-16
PI00001210	Implement PICP: Monthly Installment - September 2016	30	09-01-16	09-30-16
PI00001220	Implement PICP: Monthly Installment - October 2016	31	10-01-16	10-31-16
PI00001230	Implement PICP: Monthly Installment - November 2016	30	11-01-16	11-30-16
PI00001240	Implement PICP: Monthly Installment - December 2016	31	12-01-16	12-31-16
PI00001250	Implement PICP: Monthly Installment - January 2017	31	01-01-17	01-31-17
PI00001260	Implement PICP: Monthly Installment - February 2017	28	02-01-17	02-28-17
PI00001270	Implement PICP: Monthly Installment - March 2017	31	03-01-17	03-31-17
PI00001280	Implement PICP: Monthly Installment - April 2017	30	04-01-17	04-30-17
PI00001290	Implement PICP: Monthly Installment - May 2017	31	05-01-17	05-31-17
PI00001300	Implement PICP: Monthly Installment - June 2017	30	06-01-17	06-30-17
PI00001310	Implement PICP: Monthly Installment - July 2017	31	07-01-17	07-31-17
PI00001320	Implement PICP: Monthly Installment - August 2017	31	08-01-17	08-31-17
PI00001330	Implement PICP: Monthly Installment - September 2017	30	09-01-17	09-30-17
PI00001340	Implement PICP: Monthly Installment - October 2017	31	10-01-17	10-31-17
PI00001350	Implement PICP: Monthly Installment - November 2017	30	11-01-17	11-30-17
PI00001360	Implement PICP: Monthly Installment - December 2017	31	12-01-17	12-31-17
PI00001370	Implement PICP: Monthly Installment - January 2018	31	01-01-18	01-31-18
PI00001380	Implement PICP: Monthly Installment - February 2018	28	02-01-18	02-28-18
PI00001390	Implement PICP: Monthly Installment - March 2018	31	03-01-18	03-31-18
PI00001400	Implement PICP: Monthly Installment - April 2018	30	04-01-18	04-30-18
Design		213	10-13-15	08-04-16
General Design Investigations		69	10-13-15	01-15-16
DNGD001000	Verify / Review RFP Design	20	10-13-15	11-09-15
DNGD001010	Conduct Sign Iventory	20	11-10-15	12-09-15
DNGD001040	Conduct Lighting Inventory	20	11-10-15	12-09-15
DNGD001020	Prepare Sign Inventory Memorandum (Myers Team)	20	12-10-15	01-14-16
DNGD001050	Develop Lighting Justification Memorandum	20	12-10-15	01-14-16
DNGD001030	SFA Sign Inventory Memorandum (VDOT)	1	01-15-16	01-15-16
DNGD001060	SFA Lighting Justification Memorandum	1	01-15-16	01-15-16
Existing Strom Drain Investigations		74	11-10-15	02-19-16
DNSD001000	Conduct Existing Drainage Systems Video Inspection	30	11-10-15	12-23-15
DNSD001010	SFC Existing Drainage System Video Inspection Memorandum (VDOT)	20	12-24-15	01-28-16
DNSD001020	R/C Existing Drainage System Video Inspection Memorandum	21	01-29-16	02-18-16
DNSD001030	VDOT Provides Direction on Use of Existing Drainage System (Witness Point)	1	02-19-16	02-19-16
Design Survey		117	10-13-15	03-23-16
DNDS001000	Prepare Site Investigation Notification Letters	2	10-13-15	10-14-15
DNDS001010	VDOT Provides Notification Letter Comments (Informal Review)	3	10-15-15	10-19-15



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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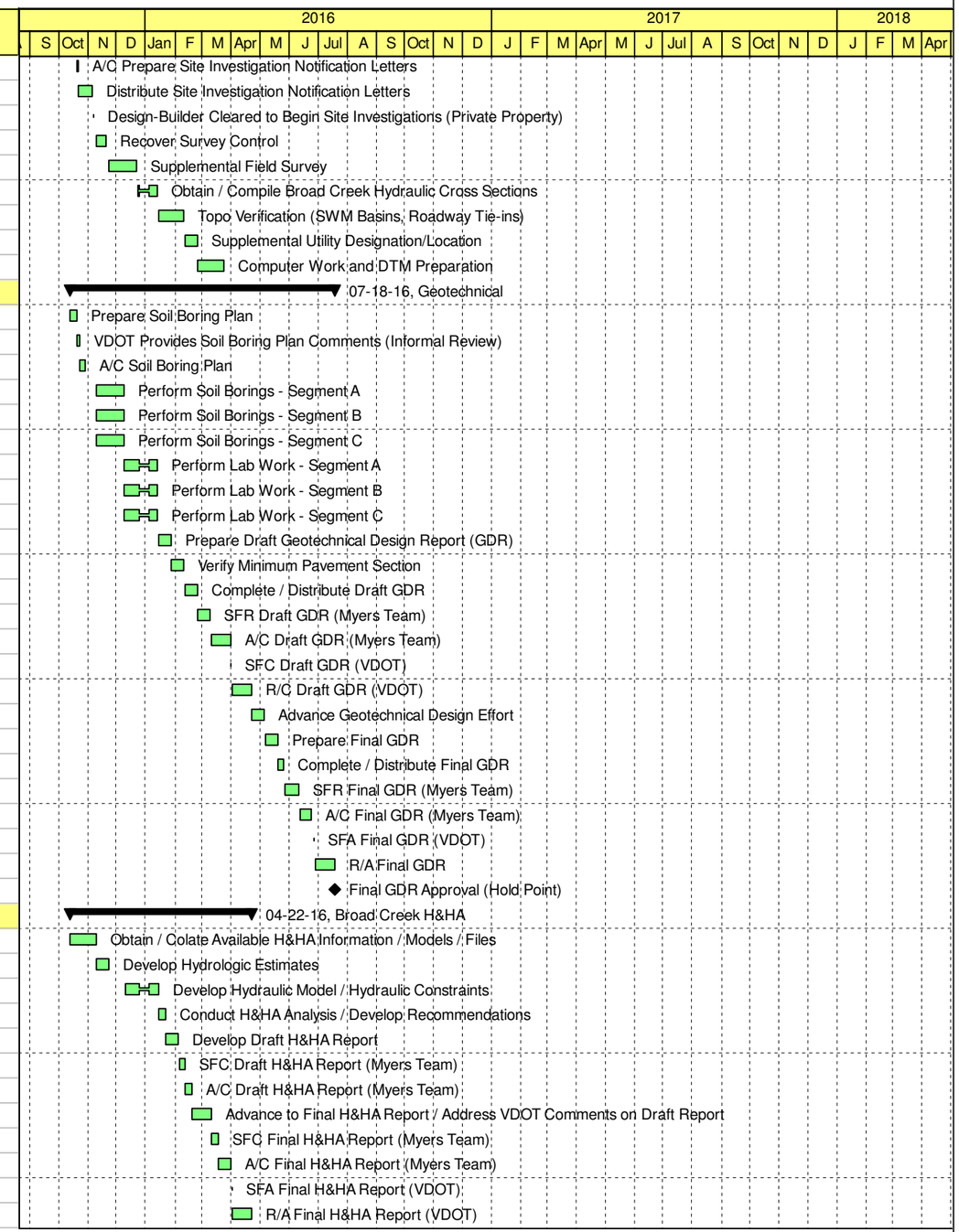
Activity ID	Activity Name	Original Duration	Start	Finish
DNDS001020	A/C Prepare Site Investigation Notification Letters	2	10-20-15	10-21-15
DNDS001030	Distribute Site Investigation Notification Letters	15	10-22-15	11-05-15
DNDS001040	Design-Builder Cleared to Begin Site Investigations (Private Property)	1	11-06-15	11-06-15
DNDS001050	Recover Survey Control	10	11-09-15	11-20-15
DNDS001060	Supplemental Field Survey	20	11-23-15	12-22-15
DNDS001070	Obtain / Compile Broad Creek Hydraulic Cross Sections	10	12-23-15	01-13-16
DNDS001080	Topo Verification (SWM Basins, Roadway Tie-ins)	20	01-14-16	02-10-16
DNDS001090	Supplemental Utility Designation/Location	10	02-11-16	02-24-16
DNDS001100	Computer Work and DTM Preparation	20	02-25-16	03-23-16
Geotechnical		200	10-13-15	07-18-16
DNGE001000	Prepare Soil Boring Plan	5	10-13-15	10-19-15
DNGE001010	VDOT Provides Soil Boring Plan Comments (Informal Review)	3	10-20-15	10-22-15
DNGE001020	A/C Soil Boring Plan	5	10-23-15	10-29-15
DNGE001030	Perform Soil Borings - Segment A	20	11-09-15	12-08-15
DNGE001050	Perform Soil Borings - Segment B	20	11-09-15	12-08-15
DNGE001070	Perform Soil Borings - Segment C	20	11-09-15	12-08-15
DNGE001040	Perform Lab Work - Segment A	20	12-09-15	01-13-16
DNGE001060	Perform Lab Work - Segment B	20	12-09-15	01-13-16
DNGE001080	Perform Lab Work - Segment C	20	12-09-15	01-13-16
DNGE001090	Prepare Draft Geotechnical Design Report (GDR)	10	01-14-16	01-27-16
DNGE001100	Verify Minimum Pavement Section	10	01-28-16	02-10-16
DNGE001110	Complete / Distribute Draft GDR	10	02-11-16	02-24-16
DNGE001120	SFR Draft GDR (Myers Team)	10	02-25-16	03-09-16
DNGE001130	A/C Draft GDR (Myers Team)	15	03-10-16	03-30-16
DNGE001140	SFC Draft GDR (VDOT)	1	03-31-16	03-31-16
DNGE001150	R/C Draft GDR (VDOT)	21	04-01-16	04-21-16
DNGE001160	Advance Geotechnical Design Effort	10	04-22-16	05-05-16
DNGE001170	Prepare Final GDR	10	05-06-16	05-19-16
DNGE001180	Complete / Distribute Final GDR	5	05-20-16	05-26-16
DNGE001190	SFR Final GDR (Myers Team)	10	05-27-16	06-10-16
DNGE001200	A/C Final GDR (Myers Team)	10	06-13-16	06-24-16
DNGE001210	SFA Final GDR (VDOT)	1	06-27-16	06-27-16
DNGE001220	R/A Final GDR	21	06-28-16	07-18-16
DNGE001230	Final GDR Approval (Hold Point)	0		07-18-16
Broad Creek H&HA		139	10-13-15	04-22-16
DNHY001000	Obtain / Colate Available H&HA Information / Models / Files	20	10-13-15	11-09-15
DNHY001010	Develop Hydrologic Estimates	10	11-10-15	11-23-15
DNHY001020	Develop Hydraulic Model / Hydraulic Constraints	20	12-10-15	01-14-16
DNHY001030	Conduct H&HA Analysis / Develop Recommendations	5	01-15-16	01-21-16
DNHY001040	Develop Draft H&HA Report	10	01-22-16	02-04-16
DNHY001050	SFC Draft H&HA Report (Myers Team)	5	02-05-16	02-11-16
DNHY001060	A/C Draft H&HA Report (Myers Team)	5	02-12-16	02-18-16
DNHY001090	Advance to Final H&HA Report / Address VDOT Comments on Draft Report	15	02-19-16	03-10-16
DNHY001100	SFC Final H&HA Report (Myers Team)	5	03-11-16	03-17-16
DNHY001110	A/C Final H&HA Report (Myers Team)	10	03-18-16	03-31-16
DNHY001120	SFA Final H&HA Report (VDOT)	1	04-01-16	04-01-16
DNHY001130	R/A Final H&HA Report (VDOT)	21	04-02-16	04-22-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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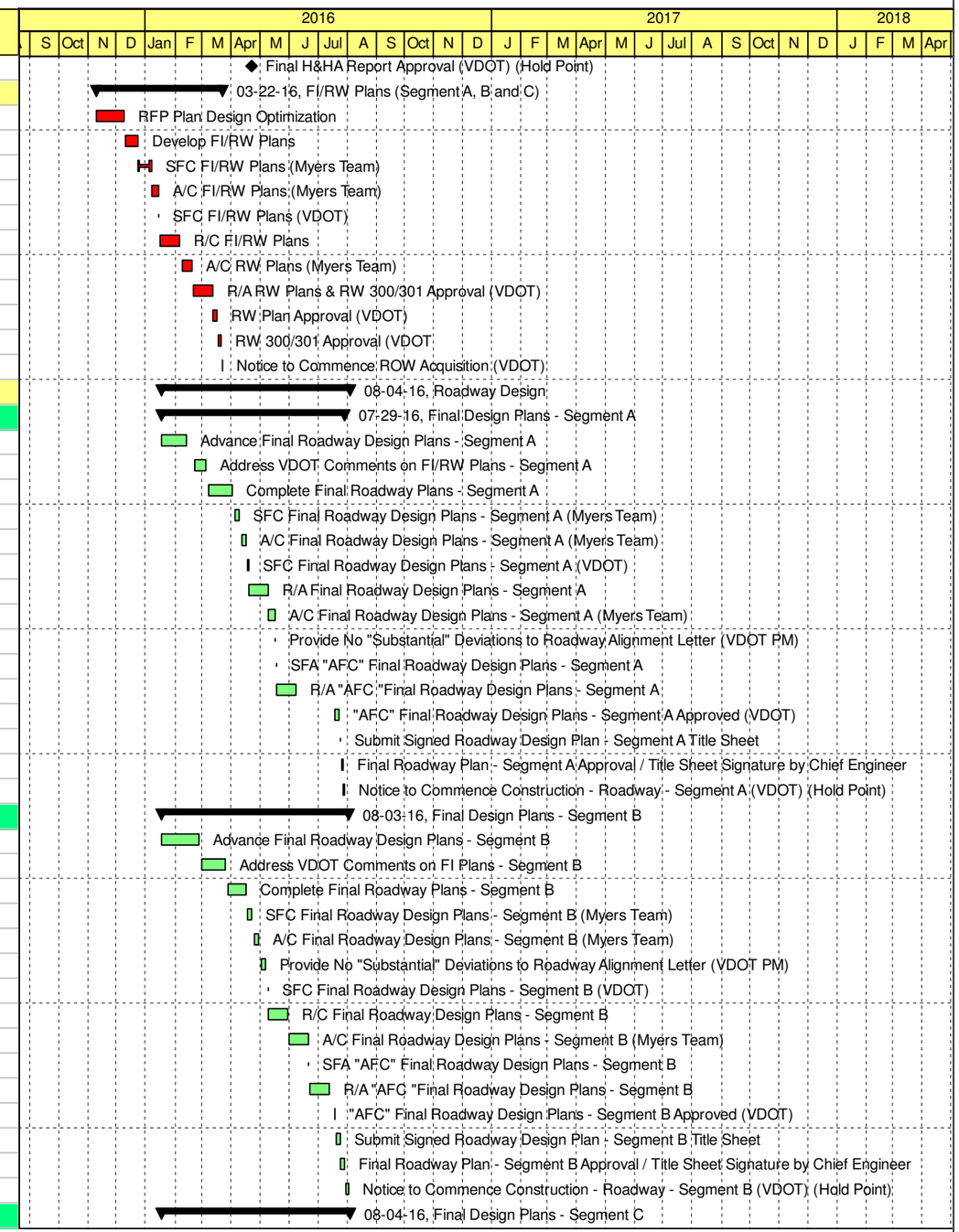
Activity ID	Activity Name	Original Duration	Start	Finish
DNHY001140	Final H&HA Report Approval (VDOT) (Hold Point)	0		04-22-16
FI/RW Plans (Segment A, B and C)		96	11-10-15	03-22-16
DNFR001000	RFP Plan Design Optimization	20	11-10-15	12-09-15
DNFR001010	Develop FI/RW Plans	10	12-10-15	12-23-15
DNFR001020	SFC FI/RW Plans (Myers Team)	5	12-24-15	01-07-16
DNFR001030	A/C FI/RW Plans (Myers Team)	5	01-08-16	01-14-16
DNFR001040	SFC FI/RW Plans (VDOT)	1	01-15-16	01-15-16
DNFR001050	R/C FI/RW Plans	21	01-16-16	02-05-16
DNFR001060	A/C RW Plans (Myers Team)	10	02-08-16	02-19-16
DNFR001070	R/A RW Plans & RW 300/301 Approval (VDOT)	21	02-20-16	03-11-16
DNFR001080	RW Plan Approval (VDOT)	5	03-12-16	03-16-16
DNFR001090	RW 300/301 Approval (VDOT	5	03-17-16	03-21-16
DNFR001100	Notice to Commence ROW Acquisition (VDOT)	1	03-22-16	03-22-16
Roadway Design		144	01-18-16	08-04-16
Final Design Plans - Segment A		140	01-18-16	07-29-16
DNRDA01000	Advance Final Roadway Design Plans - Segment A	20	01-18-16	02-12-16
DNRDA01010	Address VDOT Comments on FI/RW Plans - Segment A	10	02-22-16	03-04-16
DNRDA01020	Complete Final Roadway Plans - Segment A	20	03-07-16	04-01-16
DNRDA01030	SFC Final Roadway Design Plans - Segment A (Myers Team)	5	04-04-16	04-08-16
DNRDA01040	A/C Final Roadway Design Plans - Segment A (Myers Team)	5	04-11-16	04-15-16
DNRDA01050	SFC Final Roadway Design Plans - Segment A (VDOT)	1	04-18-16	04-18-16
DNRDA01060	R/A Final Roadway Design Plans - Segment A	21	04-19-16	05-09-16
DNRDA01070	A/C Final Roadway Design Plans - Segment A (Myers Team)	5	05-10-16	05-16-16
DNRDA01080	Provide No "Substantial" Deviations to Roadway Alignment Letter (VDOT PM)	1	05-17-16	05-17-16
DNRDA01090	SFA "AFC" Final Roadway Design Plans - Segment A	1	05-18-16	05-18-16
DNRDA01100	R/A "AFC "Final Roadway Design Plans - Segment A	21	05-19-16	06-08-16
DNRDA01110	"AFC" Final Roadway Design Plans - Segment A Approved (VDOT)	5	07-19-16	07-23-16
DNRDA01120	Submit Signed Roadway Design Plan - Segment A Title Sheet	1	07-25-16	07-25-16
DNRDA01130	Final Roadway Plan - Segment A Approval / Title Sheet Signature by Chief Engineer	2	07-26-16	07-27-16
DNRDA01140	Notice to Commence Construction - Roadway - Segment A (VDOT) (Hold Point)	2	07-28-16	07-29-16
Final Design Plans - Segment B		143	01-18-16	08-03-16
DNRDB01000	Advance Final Roadway Design Plans - Segment B	30	01-18-16	02-26-16
DNRDB01010	Address VDOT Comments on FI Plans - Segment B	20	02-29-16	03-25-16
DNRDB01020	Complete Final Roadway Plans - Segment B	15	03-28-16	04-15-16
DNRDB01030	SFC Final Roadway Design Plans - Segment B (Myers Team)	5	04-18-16	04-22-16
DNRDB01040	A/C Final Roadway Design Plans - Segment B (Myers Team)	5	04-25-16	04-29-16
DNRDB01050	Provide No "Substantial" Deviations to Roadway Alignment Letter (VDOT PM)	5	05-02-16	05-06-16
DNRDB01060	SFC Final Roadway Design Plans - Segment B (VDOT)	1	05-09-16	05-09-16
DNRDB01070	R/C Final Roadway Design Plans - Segment B	21	05-10-16	05-30-16
DNRDB01080	A/C Final Roadway Design Plans - Segment B (Myers Team)	15	05-31-16	06-20-16
DNRDB01090	SFA "AFC" Final Roadway Design Plans - Segment B	1	06-21-16	06-21-16
DNRDB01100	R/A "AFC "Final Roadway Design Plans - Segment B	21	06-22-16	07-12-16
DNRDB01110	"AFC" Final Roadway Design Plans - Segment B Approved (VDOT)	1	07-19-16	07-19-16
DNRDB01120	Submit Signed Roadway Design Plan - Segment B Title Sheet	5	07-20-16	07-24-16
DNRDB01130	Final Roadway Plan - Segment B Approval / Title Sheet Signature by Chief Engineer	5	07-25-16	07-29-16
DNRDB01140	Notice to Commence Construction - Roadway - Segment B (VDOT) (Hold Point)	5	07-30-16	08-03-16
Final Design Plans - Segment C		144	01-18-16	08-04-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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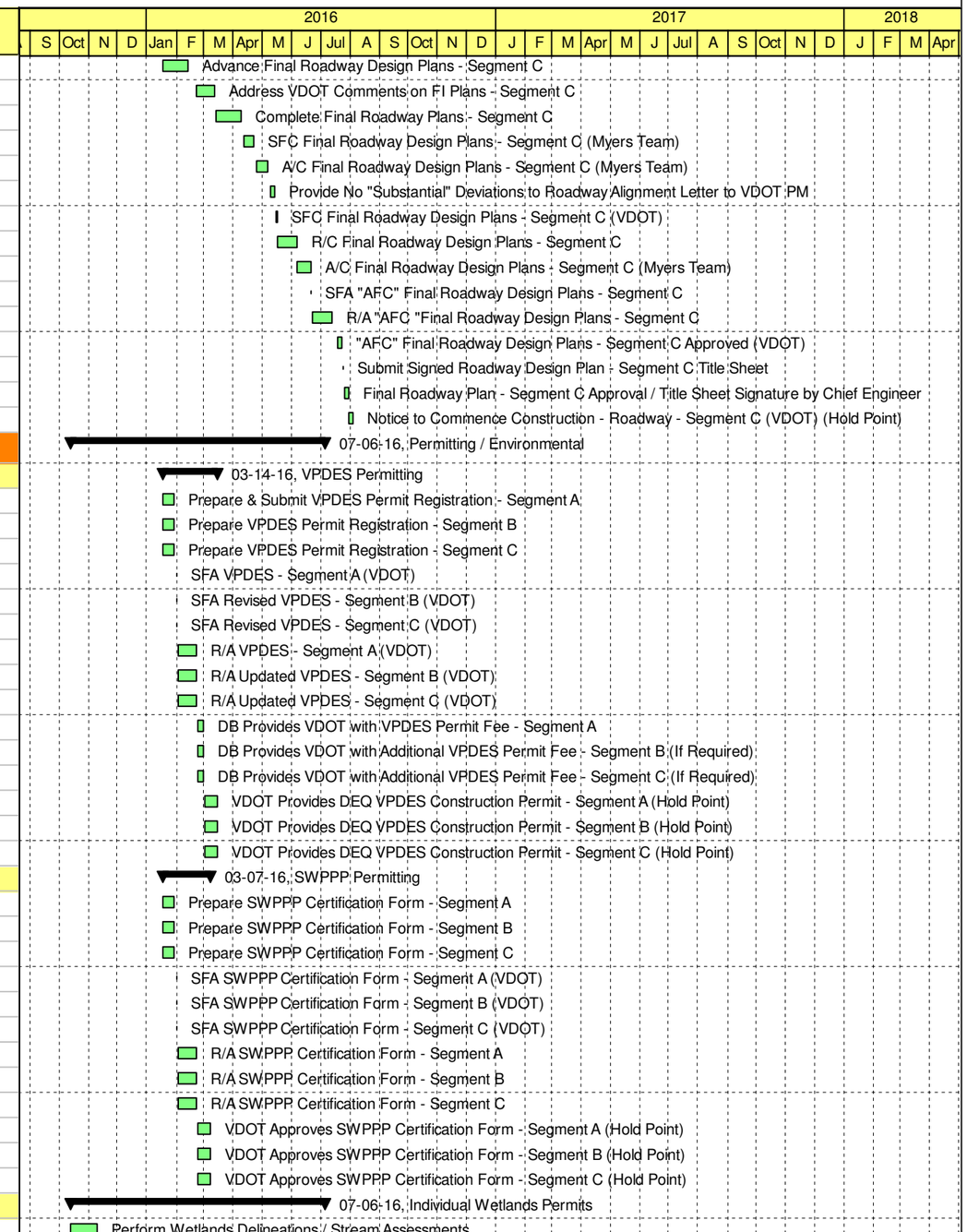
Activity ID	Activity Name	Original Duration	Start	Finish
DNRDC01000	Advance Final Roadway Design Plans - Segment C	20	01-18-16	02-12-16
DNRDC01010	Address VDOT Comments on FI Plans - Segment C	15	02-22-16	03-11-16
DNRDC01020	Complete Final Roadway Plans - Segment C	20	03-14-16	04-08-16
DNRDC01030	SFC Final Roadway Design Plans - Segment C (Myers Team)	10	04-11-16	04-22-16
DNRDC01040	A/C Final Roadway Design Plans - Segment C (Myers Team)	10	04-25-16	05-06-16
DNRDC01050	Provide No "Substantial" Deviations to Roadway Alignment Letter to VDOT PM	5	05-09-16	05-13-16
DNRDC01060	SFC Final Roadway Design Plans - Segment C (VDOT)	1	05-16-16	05-16-16
DNRDC01070	R/C Final Roadway Design Plans - Segment C	21	05-17-16	06-06-16
DNRDC01080	A/C Final Roadway Design Plans - Segment C (Myers Team)	10	06-07-16	06-20-16
DNRDC01090	SFA "AFC" Final Roadway Design Plans - Segment C	1	06-21-16	06-21-16
DNRDC01100	R/A "AFC "Final Roadway Design Plans - Segment C	21	06-22-16	07-12-16
DNRDC01110	"AFC" Final Roadway Design Plans - Segment C Approved (VDOT)	5	07-19-16	07-23-16
DNRDC01120	Submit Signed Roadway Design Plan - Segment C Title Sheet	1	07-25-16	07-25-16
DNRDC01130	Final Roadway Plan - Segment C Approval / Title Sheet Signature by Chief Engineer	5	07-26-16	07-30-16
DNRDC01140	Notice to Commence Construction - Roadway - Segment C (VDOT) (Hold Point)	5	07-31-16	08-04-16
Permitting / Environmental		192	10-13-15	07-06-16
VPDES Permitting		41	01-18-16	03-14-16
PEVPA01000	Prepare & Submit VPDES Permit Registration - Segment A	10	01-18-16	01-29-16
PEVPA01050	Prepare VPDES Permit Registration - Segment B	10	01-18-16	01-29-16
PEVPA01100	Prepare VPDES Permit Registration - Segment C	10	01-18-16	01-29-16
PEVPA01010	SFA VPDES - Segment A (VDOT)	1	02-01-16	02-01-16
PEVPA01060	SFA Revised VPDES - Segment B (VDOT)	1	02-01-16	02-01-16
PEVPA01110	SFA Revised VPDES - Segment C (VDOT)	1	02-01-16	02-01-16
PEVPA01020	R/A VPDES - Segment A (VDOT)	21	02-02-16	02-22-16
PEVPA01070	R/A Updated VPDES - Segment B (VDOT)	21	02-02-16	02-22-16
PEVPA01120	R/A Updated VPDES - Segment C (VDOT)	21	02-02-16	02-22-16
PEVPA01030	DB Provides VDOT with VPDES Permit Fee - Segment A	5	02-23-16	02-29-16
PEVPA01080	DB Provides VDOT with Additional VPDES Permit Fee - Segment B (If Required)	5	02-23-16	02-29-16
PEVPA01130	DB Provides VDOT with Additional VPDES Permit Fee - Segment C (If Required)	5	02-23-16	02-29-16
PEVPA01040	VDOT Provides DEQ VPDES Construction Permit - Segment A (Hold Point)	10	03-01-16	03-14-16
PEVPA01090	VDOT Provides DEQ VPDES Construction Permit - Segment B (Hold Point)	10	03-01-16	03-14-16
PEVPA01140	VDOT Provides DEQ VPDES Construction Permit - Segment C (Hold Point)	10	03-01-16	03-14-16
SWPPP Permitting		36	01-18-16	03-07-16
PESPB01000	Prepare SWPPP Certification Form - Segment A	10	01-18-16	01-29-16
PESPB01040	Prepare SWPPP Certification Form - Segment B	10	01-18-16	01-29-16
PESPB01080	Prepare SWPPP Certification Form - Segment C	10	01-18-16	01-29-16
PESPB01010	SFA SWPPP Certification Form - Segment A (VDOT)	1	02-01-16	02-01-16
PESPB01050	SFA SWPPP Certification Form - Segment B (VDOT)	1	02-01-16	02-01-16
PESPB01090	SFA SWPPP Certification Form - Segment C (VDOT)	1	02-01-16	02-01-16
PESPB01020	R/A SWPPP Certification Form - Segment A	21	02-02-16	02-22-16
PESPB01060	R/A SWPPP Certification Form - Segment B	21	02-02-16	02-22-16
PESPB01100	R/A SWPPP Certification Form - Segment C	21	02-02-16	02-22-16
PESPB01030	VDOT Approves SWPPP Certification Form - Segment A (Hold Point)	10	02-23-16	03-07-16
PESPB01070	VDOT Approves SWPPP Certification Form - Segment B (Hold Point)	10	02-23-16	03-07-16
PESPB01110	VDOT Approves SWPPP Certification Form - Segment C (Hold Point)	10	02-23-16	03-07-16
Individual Wetlands Permits		192	10-13-15	07-06-16
PEWP001000	Perform Wetlands Delineations / Stream Assessments	20	10-13-15	11-09-15



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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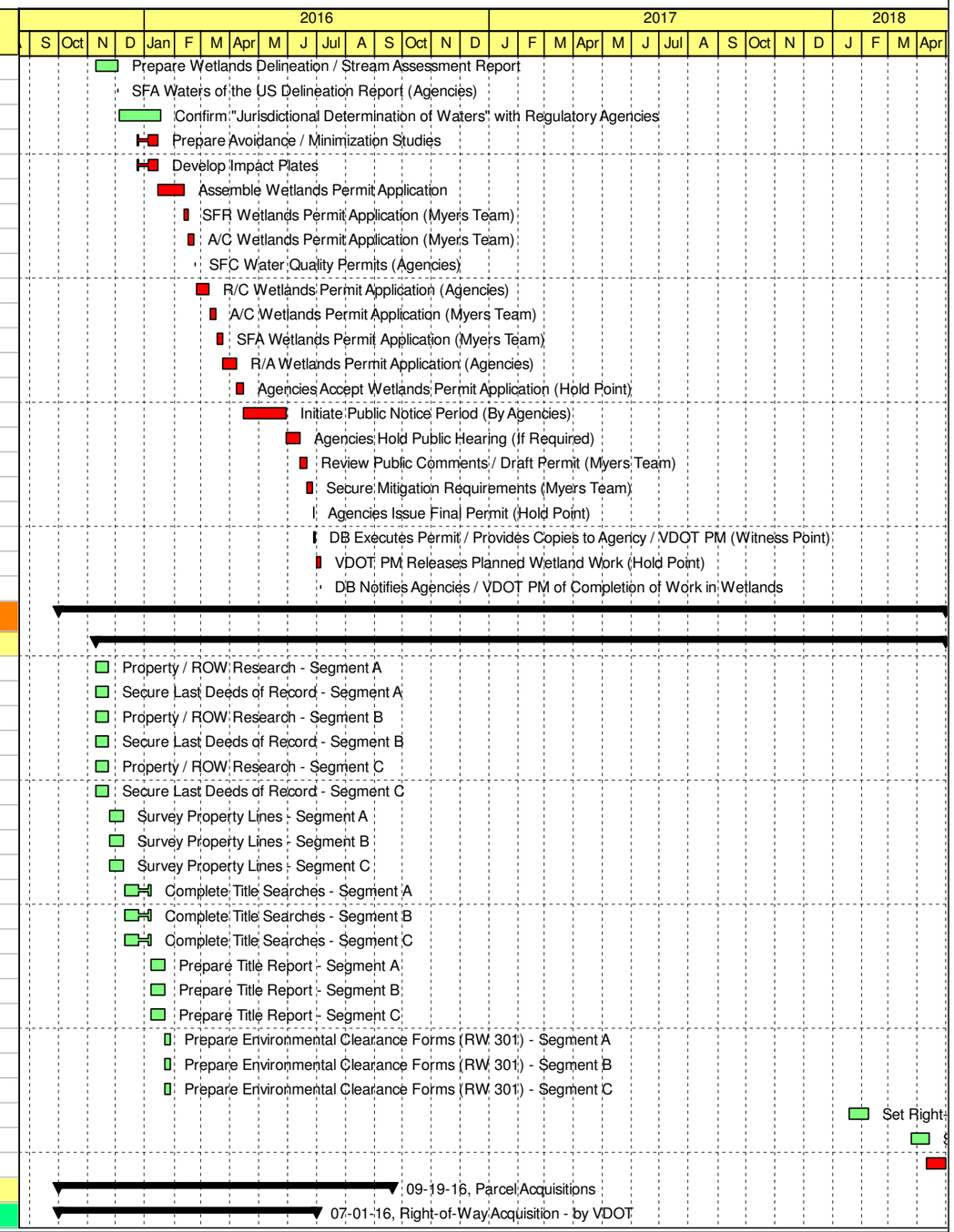
Activity ID	Activity Name	Original Duration	Start	Finish
PEWP001010	Prepare Wetlands Delineation / Stream Assessment Report	15	11-10-15	12-02-15
PEWP001020	SFA Waters of the US Delineation Report (Agencies)	1	12-03-15	12-03-15
PEWP001030	Confirm "Jurisdictional Determination of Waters" with Regulatory Agencies	45	12-04-15	01-17-16
PEWP001050	Prepare Avoidance / Minimization Studies	10	12-24-15	01-14-16
PEWP001040	Develop Impact Plates	10	12-24-15	01-14-16
PEWP001060	Assemble Wetlands Permit Application	20	01-15-16	02-11-16
PEWP001070	SFR Wetlands Permit Application (Myers Team)	2	02-12-16	02-15-16
PEWP001080	A/C Wetlands Permit Application (Myers Team)	5	02-16-16	02-22-16
PEWP001090	SFC Water Quality Permits (Agencies)	1	02-23-16	02-23-16
PEWP001100	R/C Wetlands Permit Application (Agencies)	15	02-24-16	03-09-16
PEWP001110	A/C Wetlands Permit Application (Myers Team)	5	03-10-16	03-16-16
PEWP001120	SFA Wetlands Permit Application (Myers Team)	5	03-17-16	03-23-16
PEWP001130	R/A Wetlands Permit Application (Agencies)	15	03-24-16	04-07-16
PEWP001140	Agencies Accept Wetlands Permit Application (Hold Point)	5	04-08-16	04-14-16
PEWP001150	Initiate Public Notice Period (By Agencies)	45	04-15-16	05-29-16
PEWP001160	Agencies Hold Public Hearing (If Required)	15	05-30-16	06-13-16
PEWP001170	Review Public Comments / Draft Permit (Myers Team)	5	06-14-16	06-20-16
PEWP001180	Secure Mitigation Requirements (Myers Team)	5	06-21-16	06-27-16
PEWP001190	Agencies Issue Final Permit (Hold Point)	1	06-28-16	06-28-16
PEWP001200	DB Executes Permit / Provides Copies to Agency / VDOT PM (Witness Point)	2	06-29-16	06-30-16
PEWP001210	VDOT PM Releases Planned Wetland Work (Hold Point)	5	07-01-16	07-05-16
PEWP001220	DB Notifies Agencies / VDOT PM of Completion of Work in Wetlands	1	07-06-16	07-06-16
Right-of-Way		674	10-01-15	05-01-18
Site Assessments / Survey / Research		646	11-10-15	05-01-18
RWSA001000	Property / ROW Research - Segment A	10	11-10-15	11-23-15
RWSA001010	Secure Last Deeds of Record - Segment A	10	11-10-15	11-23-15
RWSA002000	Property / ROW Research - Segment B	10	11-10-15	11-23-15
RWSA002010	Secure Last Deeds of Record - Segment B	10	11-10-15	11-23-15
RWSA003000	Property / ROW Research - Segment C	10	11-10-15	11-23-15
RWSA003010	Secure Last Deeds of Record - Segment C	10	11-10-15	11-23-15
RWSA001020	Survey Property Lines - Segment A	10	11-24-15	12-09-15
RWSA002020	Survey Property Lines - Segment B	10	11-24-15	12-09-15
RWSA003020	Survey Property Lines - Segment C	10	11-24-15	12-09-15
RWSA001030	Complete Title Searches - Segment A	15	12-10-15	01-07-16
RWSA002030	Complete Title Searches - Segment B	15	12-10-15	01-07-16
RWSA003030	Complete Title Searches - Segment C	15	12-10-15	01-07-16
RWSA001040	Prepare Title Report - Segment A	10	01-08-16	01-21-16
RWSA002040	Prepare Title Report - Segment B	10	01-08-16	01-21-16
RWSA003040	Prepare Title Report - Segment C	10	01-08-16	01-21-16
RWSA001050	Prepare Environmental Clearance Forms (RW 301) - Segment A	5	01-22-16	01-28-16
RWSA002050	Prepare Environmental Clearance Forms (RW 301) - Segment B	5	01-22-16	01-28-16
RWSA003050	Prepare Environmental Clearance Forms (RW 301) - Segment C	5	01-22-16	01-28-16
RWSA002060	Set Right-of-Way Monumentation (RW-2) - Segment B (Hold Point)	15	01-19-18	02-08-18
RWSA003060	Set Right-of-Way Monumentation (RW-2) - Segment C (Hold Point)	15	03-26-18	04-13-18
RWSA001060	Set Right-of-Way Monumentation (RW-2) - Segment A (Hold Point)	15	04-11-18	05-01-18
Parcel Acquisitions		253	10-01-15	09-19-16
Right-of-Way Acquisition - by VDOT		196	10-01-15	07-01-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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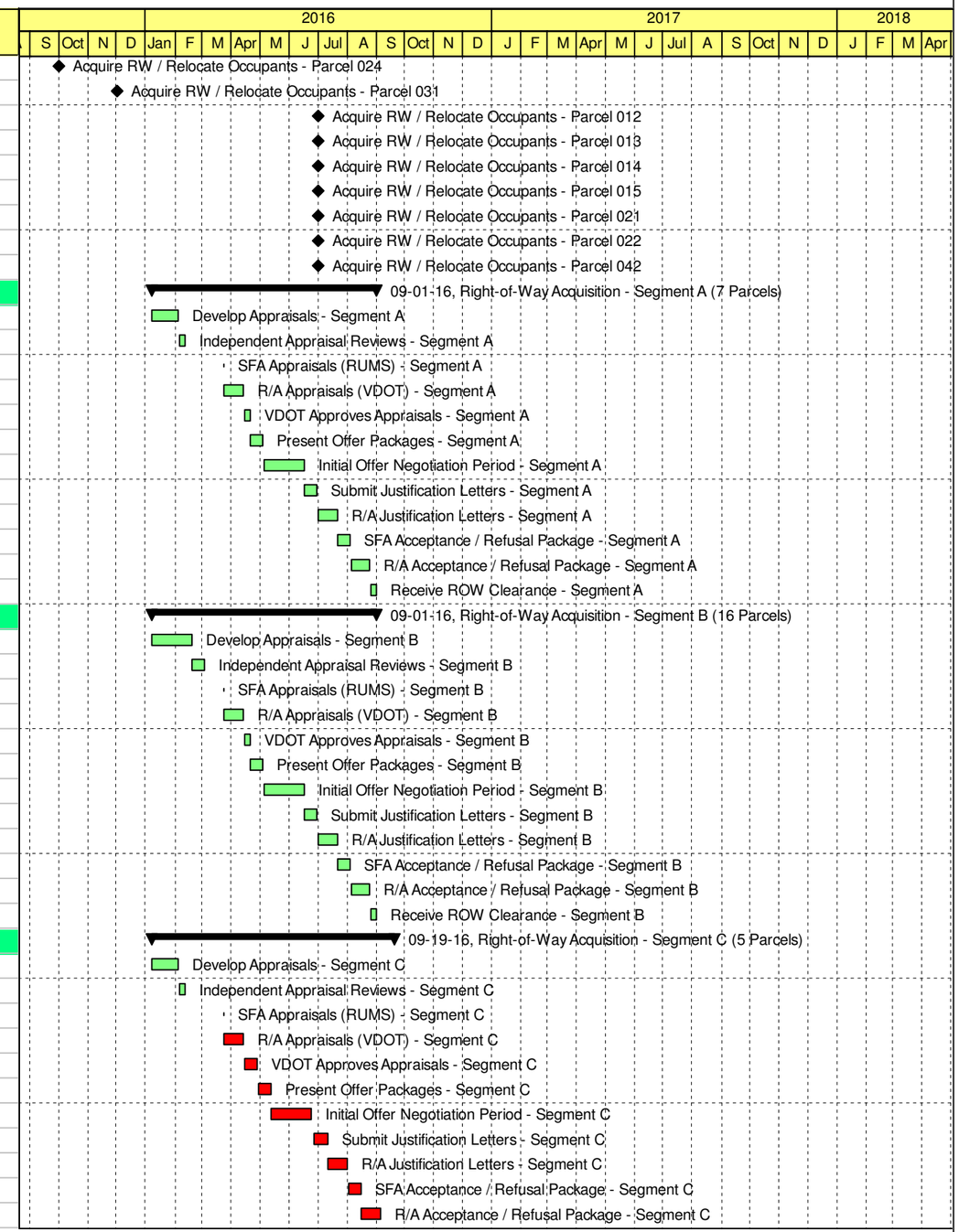
Activity ID	Activity Name	Original Duration	Start	Finish
RWPAV00010	Acquire RW / Relocate Occupants - Parcel 024	0		10-01-15*
RWPAV00020	Acquire RW / Relocate Occupants - Parcel 031	0		12-01-15*
RWPAV00030	Acquire RW / Relocate Occupants - Parcel 012	0		07-01-16*
RWPAV00040	Acquire RW / Relocate Occupants - Parcel 013	0		07-01-16*
RWPAV00050	Acquire RW / Relocate Occupants - Parcel 014	0		07-01-16*
RWPAV00060	Acquire RW / Relocate Occupants - Parcel 015	0		07-01-16*
RWPAV00070	Acquire RW / Relocate Occupants - Parcel 021	0		07-01-16*
RWPAV00080	Acquire RW / Relocate Occupants - Parcel 022	0		07-01-16*
RWPAV00090	Acquire RW / Relocate Occupants - Parcel 042	0		07-01-16*
Right-of-Way Acquisition - Segment A (7 Parcels)		170	01-08-16	09-01-16
RWPAA01000	Develop Appraisals - Segment A	20	01-08-16	02-04-16
RWPAA01010	Independent Appraisal Reviews - Segment A	5	02-05-16	02-11-16
RWPAA01020	SFA Appraisals (RUMS) - Segment A	1	03-23-16	03-23-16
RWPAA01030	R/A Appraisals (VDOT) - Segment A	21	03-24-16	04-13-16
RWPAA01040	VDOT Approves Appraisals - Segment A	5	04-14-16	04-20-16
RWPAA01050	Present Offer Packages - Segment A	10	04-21-16	05-04-16
RWPAA01060	Initial Offer Negotiation Period - Segment A	30	05-05-16	06-16-16
RWPAA01070	Submit Justification Letters - Segment A	10	06-17-16	06-30-16
RWPAA01080	R/A Justification Letters - Segment A	21	07-01-16	07-21-16
RWPAA01090	SFA Acceptance / Refusal Package - Segment A	10	07-22-16	08-04-16
RWPAA01100	R/A Acceptance / Refusal Package - Segment A	21	08-05-16	08-25-16
RWPAA01110	Receive ROW Clearance - Segment A	5	08-26-16	09-01-16
Right-of-Way Acquisition - Segment B (16 Parcels)		170	01-08-16	09-01-16
RWPAB01000	Develop Appraisals - Segment B	30	01-08-16	02-18-16
RWPAB01010	Independent Appraisal Reviews - Segment B	10	02-19-16	03-03-16
RWPAB01020	SFA Appraisals (RUMS) - Segment B	1	03-23-16	03-23-16
RWPAB01030	R/A Appraisals (VDOT) - Segment B	21	03-24-16	04-13-16
RWPAB01040	VDOT Approves Appraisals - Segment B	5	04-14-16	04-20-16
RWPAB01050	Present Offer Packages - Segment B	10	04-21-16	05-04-16
RWPAB01060	Initial Offer Negotiation Period - Segment B	30	05-05-16	06-16-16
RWPAB01070	Submit Justification Letters - Segment B	10	06-17-16	06-30-16
RWPAB01080	R/A Justification Letters - Segment B	21	07-01-16	07-21-16
RWPAB01090	SFA Acceptance / Refusal Package - Segment B	10	07-22-16	08-04-16
RWPAB01100	R/A Acceptance / Refusal Package - Segment B	21	08-05-16	08-25-16
RWPAB01110	Receive ROW Clearance - Segment B	5	08-26-16	09-01-16
Right-of-Way Acquisition - Segment C (5 Parcels)		182	01-08-16	09-19-16
RWPAC01000	Develop Appraisals - Segment C	20	01-08-16	02-04-16
RWPAC01010	Independent Appraisal Reviews - Segment C	5	02-05-16	02-11-16
RWPAC01020	SFA Appraisals (RUMS) - Segment C	1	03-23-16	03-23-16
RWPAC01030	R/A Appraisals (VDOT) - Segment C	21	03-24-16	04-13-16
RWPAC01040	VDOT Approves Appraisals - Segment C	15	04-14-16	04-28-16
RWPAC01050	Present Offer Packages - Segment C	10	04-29-16	05-12-16
RWPAC01060	Initial Offer Negotiation Period - Segment C	30	05-13-16	06-24-16
RWPAC01070	Submit Justification Letters - Segment C	10	06-27-16	07-11-16
RWPAC01080	R/A Justification Letters - Segment C	21	07-12-16	08-01-16
RWPAC01090	SFA Acceptance / Refusal Package - Segment C	10	08-02-16	08-15-16
RWPAC01100	R/A Acceptance / Refusal Package - Segment C	21	08-16-16	09-05-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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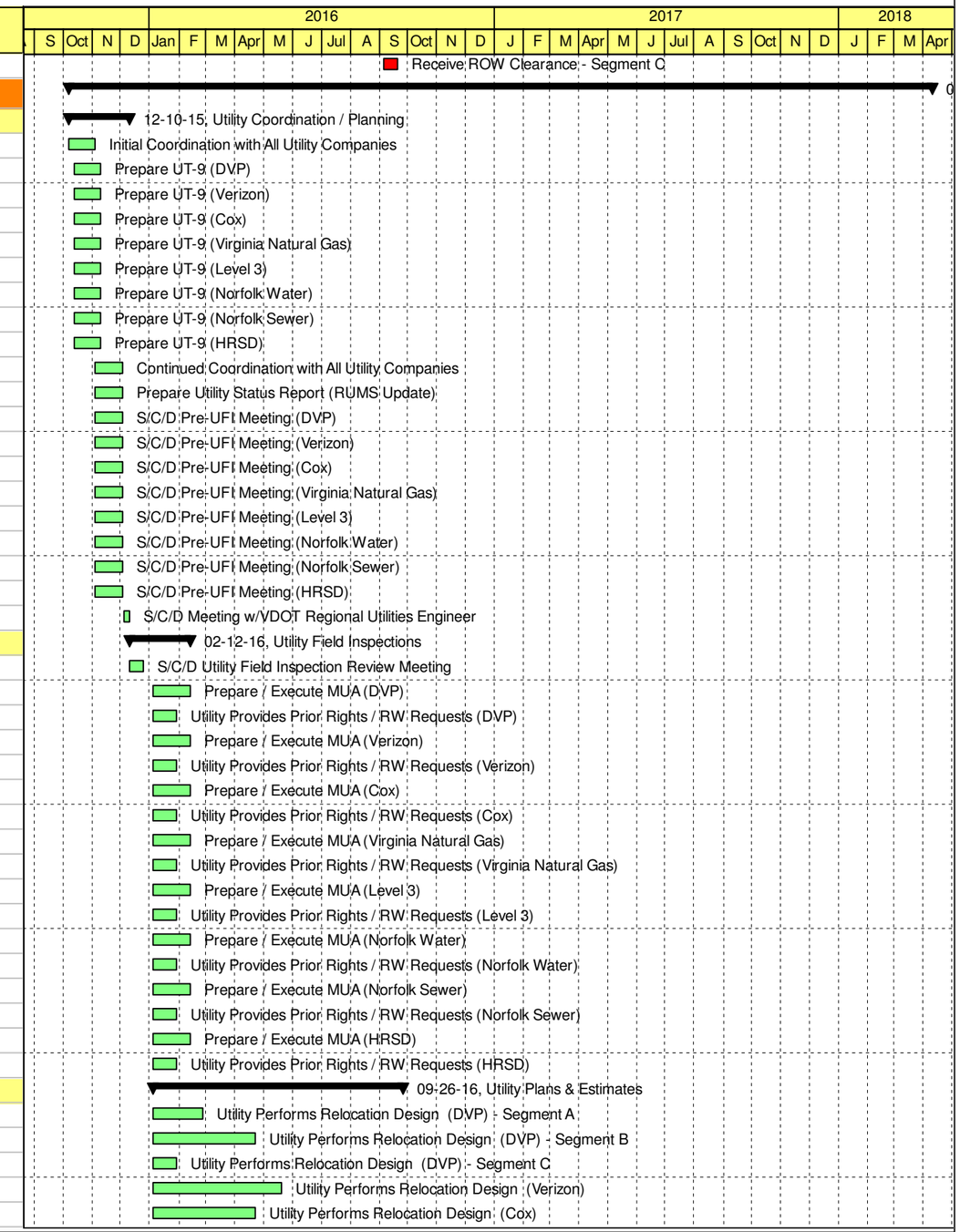
Activity ID	Activity Name	Original Duration	Start	Finish
RWPAC01110	Receive ROW Clearance - Segment C	10	09-06-16	09-19-16
Utilities		655	10-07-15	04-10-18
Utility Coordination / Planning		47	10-07-15	12-10-15
UTCP000100	Initial Coordination with All Utility Companies	20	10-07-15	11-03-15
UTCP002000	Prepare UT-9 (DVP)	20	10-13-15	11-09-15
UTCP002010	Prepare UT-9 (Verizon)	20	10-13-15	11-09-15
UTCP002020	Prepare UT-9 (Cox)	20	10-13-15	11-09-15
UTCP002030	Prepare UT-9 (Virginia Natural Gas)	20	10-13-15	11-09-15
UTCP002040	Prepare UT-9 (Level 3)	20	10-13-15	11-09-15
UTCP002050	Prepare UT-9 (Norfolk Water)	20	10-13-15	11-09-15
UTCP002060	Prepare UT-9 (Norfolk Sewer)	20	10-13-15	11-09-15
UTCP002070	Prepare UT-9 (HRSD)	20	10-13-15	11-09-15
UTCP001010	Continued Coordination with All Utility Companies	20	11-04-15	12-03-15
UTCP001020	Prepare Utility Status Report (RUMS Update)	20	11-04-15	12-03-15
UTCP003000	S/C/D Pre-UFI Meeting (DVP)	20	11-04-15	12-03-15
UTCP003010	S/C/D Pre-UFI Meeting (Verizon)	20	11-04-15	12-03-15
UTCP003020	S/C/D Pre-UFI Meeting (Cox)	20	11-04-15	12-03-15
UTCP003030	S/C/D Pre-UFI Meeting (Virginia Natural Gas)	20	11-04-15	12-03-15
UTCP003040	S/C/D Pre-UFI Meeting (Level 3)	20	11-04-15	12-03-15
UTCP003050	S/C/D Pre-UFI Meeting (Norfolk Water)	20	11-04-15	12-03-15
UTCP003060	S/C/D Pre-UFI Meeting (Norfolk Sewer)	20	11-04-15	12-03-15
UTCP003070	S/C/D Pre-UFI Meeting (HRSD)	20	11-04-15	12-03-15
UTCP001030	S/C/D Meeting w/VDOT Regional Utilities Engineer	5	12-04-15	12-10-15
Utility Field Inspections		46	12-11-15	02-12-16
UTFI000100	S/C/D Utility Field Inspection Review Meeting	10	12-11-15	12-24-15
UTFI001000	Prepare / Execute MUA (DVP)	30	01-04-16	02-12-16
UTFI002000	Utility Provides Prior Rights / RW Requests (DVP)	20	01-04-16	01-29-16
UTFI001010	Prepare / Execute MUA (Verizon)	30	01-04-16	02-12-16
UTFI002010	Utility Provides Prior Rights / RW Requests (Verizon)	20	01-04-16	01-29-16
UTFI001020	Prepare / Execute MUA (Cox)	30	01-04-16	02-12-16
UTFI002020	Utility Provides Prior Rights / RW Requests (Cox)	20	01-04-16	01-29-16
UTFI001030	Prepare / Execute MUA (Virginia Natural Gas)	30	01-04-16	02-12-16
UTFI002030	Utility Provides Prior Rights / RW Requests (Virginia Natural Gas)	20	01-04-16	01-29-16
UTFI001040	Prepare / Execute MUA (Level 3)	30	01-04-16	02-12-16
UTFI002040	Utility Provides Prior Rights / RW Requests (Level 3)	20	01-04-16	01-29-16
UTFI001050	Prepare / Execute MUA (Norfolk Water)	30	01-04-16	02-12-16
UTFI002050	Utility Provides Prior Rights / RW Requests (Norfolk Water)	20	01-04-16	01-29-16
UTFI001060	Prepare / Execute MUA (Norfolk Sewer)	30	01-04-16	02-12-16
UTFI002060	Utility Provides Prior Rights / RW Requests (Norfolk Sewer)	20	01-04-16	01-29-16
UTFI001070	Prepare / Execute MUA (HRSD)	30	01-04-16	02-12-16
UTFI002070	Utility Provides Prior Rights / RW Requests (HRSD)	20	01-04-16	01-29-16
Utility Plans & Estimates		191	01-04-16	09-26-16
UTPE001000	Utility Performs Relocation Design (DVP) - Segment A	40	01-04-16	02-26-16
UTPE001040	Utility Performs Relocation Design (DVP) - Segment B	80	01-04-16	04-22-16
UTPE001080	Utility Performs Relocation Design (DVP) - Segment C	20	01-04-16	01-29-16
UTPE002000	Utility Performs Relocation Design (Verizon)	100	01-04-16	05-20-16
UTPE003000	Utility Performs Relocation Design (Cox)	80	01-04-16	04-22-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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Activity ID	Activity Name	Original Duration	Start	Finish
UTPE004000	Utility Performs Relocation Design (Virginia Natural Gas)	80	01-04-16	04-22-16
UTPE005000	Utility Performs Relocation Design (Level 3)	60	01-04-16	03-25-16
UTPE006000	In-plan Utility Design (Norfolk Water)	60	01-04-16	03-25-16
UTPE007000	In-plan Utility Design (Norfolk Sewer)	60	01-04-16	03-25-16
UTPE008000	In-plan Utility Design (HRSD)	60	01-04-16	03-25-16
UTPE001090	SFR DVP P&E and Relocation Plan (Myers Team) - Segment C	10	02-15-16	02-26-16
UTPE001100	SFA DVP P&E and Relocation Plan (VDOT) - Segment C	21	02-27-16	03-18-16
UTPE001010	SFR DVP P&E and Relocation Plan (Myers Team) - Segment A	10	02-29-16	03-11-16
UTPE001020	SFA DVP P&E and Relocation Plan (VDOT) - Segment A	21	03-12-16	04-01-16
UTPE005010	SFR Level 3 P&E and Relocation Plan (Myers Team)	10	03-28-16	04-08-16
UTPE006010	SFR Norfolk Water P&E and Relocation Plan (Myers Team)	10	03-28-16	04-08-16
UTPE007010	SFR Norfol Sewer P&E and Relocation Plan (Myers Team)	10	03-28-16	04-08-16
UTPE008010	SFR HRSD P&E and Relocation Plan (Myers Team)	10	03-28-16	04-08-16
UTPE005020	SFA Level 3 P&E and Relocation Plan (VDOT)	21	04-09-16	04-29-16
UTPE006020	SFA Norfolk Water P&E and Relocation Plan (VDOT)	21	04-09-16	04-29-16
UTPE007020	SFA Norfolk Sewer P&E and Relocation Plan (VDOT)	21	04-09-16	04-29-16
UTPE008020	SFA HRSD P&E and Relocation Plan (VDOT)	21	04-09-16	04-29-16
UTPE001050	SFR DVP P&E and Relocation Plan (Myers Team) - Segment B	10	04-25-16	05-06-16
UTPE003010	SFR Cox P&E and Relocation Plan (Myers Team)	10	04-25-16	05-06-16
UTPE004010	SFR Virginia Natural Gas P&E and Relocation Plan (Myers Team)	10	04-25-16	05-06-16
UTPE001060	SFA DVP P&E and Relocation Plan (VDOT) - Segment B	21	05-07-16	05-27-16
UTPE003020	SFA Cox P&E and Relocation Plan (VDOT)	21	05-07-16	05-27-16
UTPE004020	SFA Virginia Natural Gas P&E and Relocation Plan (VDOT)	21	05-07-16	05-27-16
UTPE002010	SFR Verizon P&E and Relocation Plan (Myers Team)	10	05-23-16	06-06-16
UTPE002020	SFA Verizon P&E and Relocation Plan (VDOT)	21	06-07-16	06-27-16
UTPE001030	Provide Utility Notification to Proceed (DVP) - Segment A	5	09-02-16	09-09-16
UTPE001070	Provide Utility Notification to Proceed (DVP) - Segment B	5	09-02-16	09-09-16
UTPE005030	Provide Utility Notification to Proceed (Level 3)	5	09-02-16	09-09-16
UTPE001110	Provide Utility Notification to Proceed (DVP) - Segment C	5	09-20-16	09-26-16
UTPE002030	Provide Utility Notification to Proceed (Verizon)	5	09-20-16	09-26-16
UTPE003030	Provide Utility Notification to Proceed (Cox)	5	09-20-16	09-26-16
UTPE004030	Provide Utility Notification to Proceed (Virginia Natural Gas)	5	09-20-16	09-26-16
UTPE006030	Provide Utility Notification to Proceed (Norfolk Water)	5	09-20-16	09-26-16
UTPE007030	Provide Utility Notification to Proceed (Norfolk Sewer)	5	09-20-16	09-26-16
UTPE008030	Provide Utility Notification to Proceed (HRSD)	5	09-20-16	09-26-16
Utility Relocations		400	09-28-16	04-10-18
UTUR001000	Relocate DVP - Segment A	80	09-28-16	01-27-17
UTUR001010	Relocate DVP - Segment B	160	09-28-16	05-19-17
UTUR001020	Relocate DVP - Segment C	80	09-28-16	01-27-17
UTUR004000	Relocate Virginia Natural Gas - Segment A	80	09-28-16	01-27-17
UTUR004010	Relocate Virginia Natural Gas - Segment B	80	09-28-16	01-27-17
UTUR004020	Relocate Virginia Natural Gas - Segment C	60	09-28-16	12-22-16
UTUR005010	Relocate Level 3 - Segment B	240	09-28-16	09-14-17
UTUR002010	Relocate Verizon - Segment B	320	12-23-16	04-10-18
UTUR002000	Relocate Verizon - Segment A	40	01-30-17	03-24-17
UTUR002020	Relocate Verizon - Segment C	100	01-30-17	06-19-17
UTUR003000	Relocate Cox - Segment A	80	01-30-17	05-19-17

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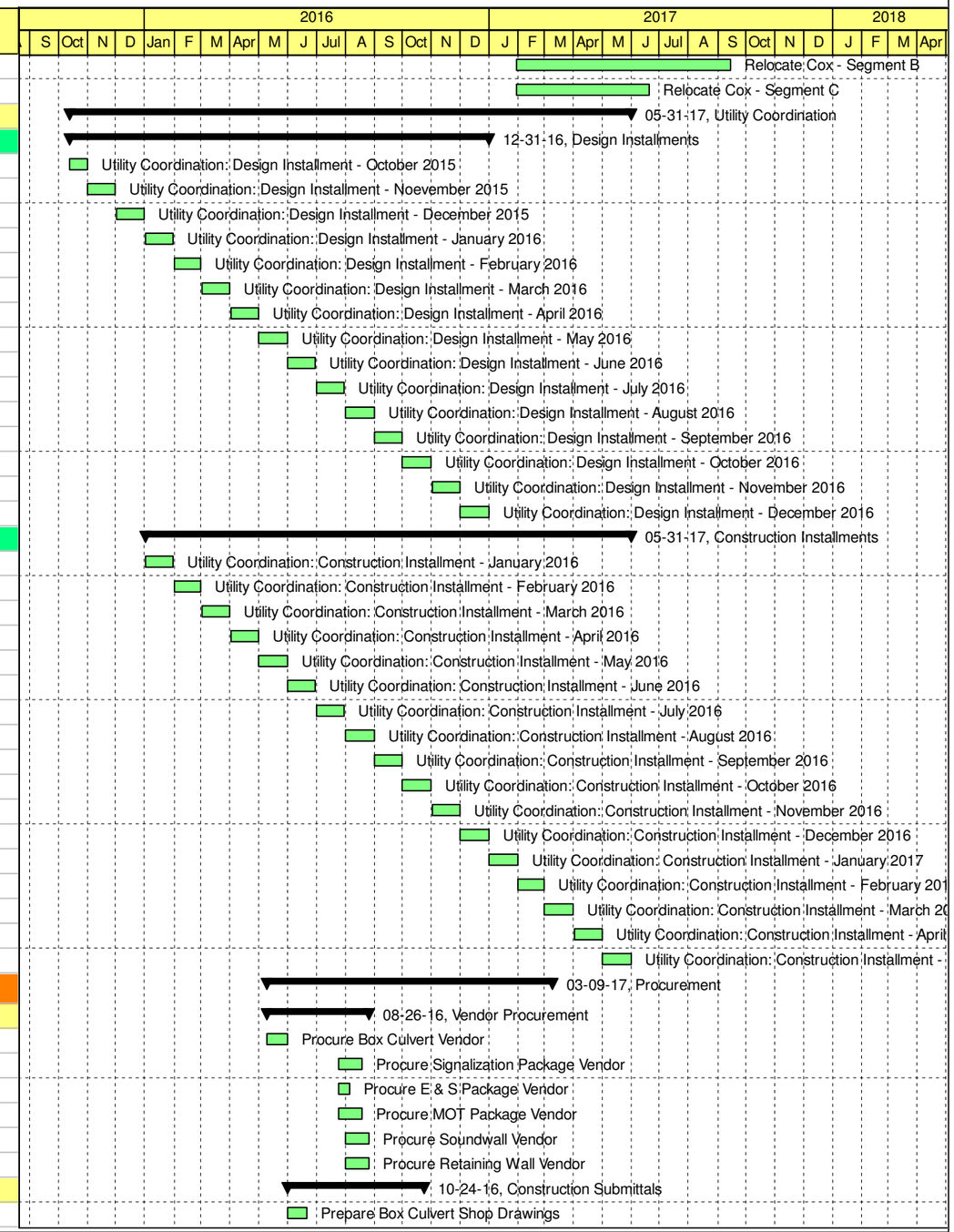
Activity ID	Activity Name	Original Duration	Start	Finish
UTUR003010	Relocate Cox - Segment B	160	01-30-17	09-14-17
UTUR003020	Relocate Cox - Segment C	100	01-30-17	06-19-17
Utility Coordination		427	10-13-15	05-31-17
Design Installments		319	10-13-15	12-31-16
UTUCDI0000	Utility Coordination: Design Installment - October 2015	19	10-13-15	10-31-15
UTUCDI0010	Utility Coordination: Design Installment - Noevember 2015	30	11-01-15	11-30-15
UTUCDI0020	Utility Coordination: Design Installment - December 2015	31	12-01-15	12-31-15
UTUCDI0030	Utility Coordination: Design Installment - January 2016	31	01-01-16	01-31-16
UTUCDI0040	Utility Coordination: Design Installment - February 2016	29	02-01-16	02-29-16
UTUCDI0050	Utility Coordination: Design Installment - March 2016	31	03-01-16	03-31-16
UTUCDI0060	Utility Coordination: Design Installment - April 2016	30	04-01-16	04-30-16
UTUCDI0070	Utility Coordination: Design Installment - May 2016	31	05-01-16	05-31-16
UTUCDI0080	Utility Coordination: Design Installment - June 2016	30	06-01-16	06-30-16
UTUCDI0090	Utility Coordination: Design Installment - July 2016	31	07-01-16	07-31-16
UTUCDI0100	Utility Coordination: Design Installment - August 2016	31	08-01-16	08-31-16
UTUCDI0110	Utility Coordination: Design Installment - September 2016	30	09-01-16	09-30-16
UTUCDI0120	Utility Coordination: Design Installment - October 2016	31	10-01-16	10-31-16
UTUCDI0130	Utility Coordination: Design Installment - November 2016	30	11-01-16	11-30-16
UTUCDI0140	Utility Coordination: Design Installment - December 2016	31	12-01-16	12-31-16
Construction Installments		369	01-01-16	05-31-17
UTUCCI0000	Utility Coordination: Construction Installment - January 2016	31	01-01-16	01-31-16
UTUCCI0010	Utility Coordination: Construction Installment - February 2016	29	02-01-16	02-29-16
UTUCCI0020	Utility Coordination: Construction Installment - March 2016	31	03-01-16	03-31-16
UTUCCI0030	Utility Coordination: Construction Installment - April 2016	30	04-01-16	04-30-16
UTUCCI0040	Utility Coordination: Construction Installment - May 2016	31	05-01-16	05-31-16
UTUCCI0050	Utility Coordination: Construction Installment - June 2016	30	06-01-16	06-30-16
UTUCCI0060	Utility Coordination: Construction Installment - July 2016	31	07-01-16	07-31-16
UTUCCI0070	Utility Coordination: Construction Installment - August 2016	31	08-01-16	08-31-16
UTUCCI0080	Utility Coordination: Construction Installment - September 2016	30	09-01-16	09-30-16
UTUCCI0090	Utility Coordination: Construction Installment - October 2016	31	10-01-16	10-31-16
UTUCCI0100	Utility Coordination: Construction Installment - November 2016	30	11-01-16	11-30-16
UTUCCI0110	Utility Coordination: Construction Installment - December 2016	31	12-01-16	12-31-16
UTUCCI0120	Utility Coordination: Construction Installment - January 2017	31	01-01-17	01-31-17
UTUCCI0130	Utility Coordination: Construction Installment - February 2017	28	02-01-17	02-28-17
UTUCCI0140	Utility Coordination: Construction Installment - March 2017	31	03-01-17	03-31-17
UTUCCI0150	Utility Coordination: Construction Installment - April 2017	30	04-01-17	04-30-17
UTUCCI0160	Utility Coordination: Construction Installment - May 2017	31	05-01-17	05-31-17
Procurement		218	05-10-16	03-09-17
Vendor Procurement		79	05-10-16	08-26-16
PRVP004000	Procure Box Culvert Vendor	15	05-10-16	05-31-16
PRVP002000	Procure Signalization Package Vendor	20	07-25-16	08-19-16
PRVP005000	Procure E & S Package Vendor	10	07-25-16	08-05-16
PRVP006000	Procure MOT Package Vendor	20	07-25-16	08-19-16
PRVP001000	Procure Soundwall Vendor	20	08-01-16	08-26-16
PRVP003000	Procure Retaining Wall Vendor	20	08-01-16	08-26-16
Construction Submittals		104	06-01-16	10-24-16
PRCS004000	Prepare Box Culvert Shop Drawings	15	06-01-16	06-21-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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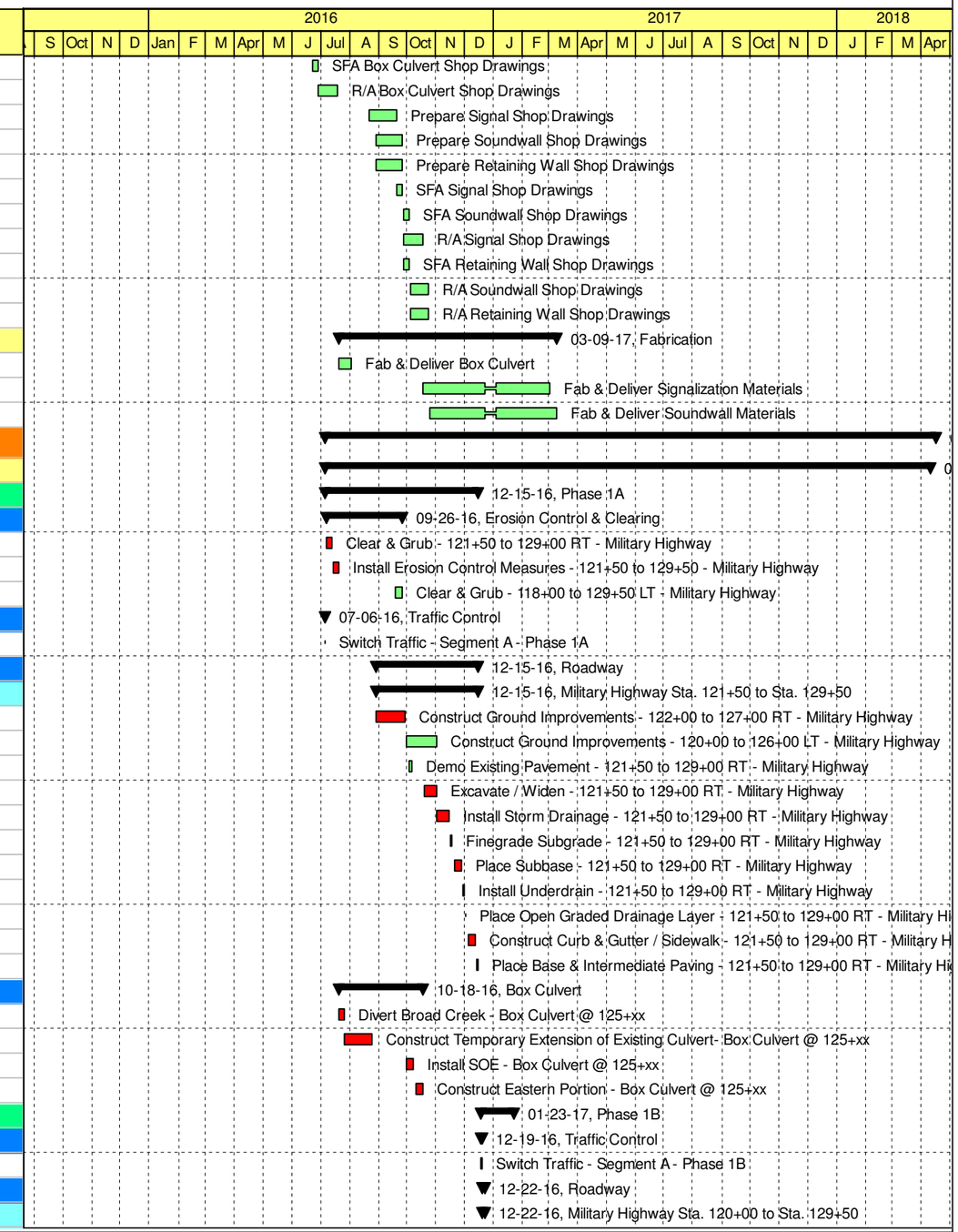
Activity ID	Activity Name	Original Duration	Start	Finish
PRCS004010	SFA Box Culvert Shop Drawings	5	06-22-16	06-28-16
PRCS004020	R/A Box Culvert Shop Drawings	21	06-29-16	07-19-16
PRCS002000	Prepare Signal Shop Drawings	20	08-22-16	09-19-16
PRCS001000	Prepare Soundwall Shop Drawings	20	08-29-16	09-26-16
PRCS003000	Prepare Retaining Wall Shop Drawings	20	08-29-16	09-26-16
PRCS002010	SFA Signal Shop Drawings	5	09-20-16	09-26-16
PRCS001010	SFA Soundwall Shop Drawings	5	09-27-16	10-03-16
PRCS002020	R/A Signal Shop Drawings	21	09-27-16	10-17-16
PRCS003010	SFA Retaining Wall Shop Drawings	5	09-27-16	10-03-16
PRCS001020	R/A Soundwall Shop Drawings	21	10-04-16	10-24-16
PRCS003020	R/A Retaining Wall Shop Drawings	21	10-04-16	10-24-16
Fabrication		167	07-20-16	03-09-17
PRFB0014000	Fab & Deliver Box Culvert	10	07-20-16	08-02-16
PRFB0012000	Fab & Deliver Signalization Materials	90	10-18-16	03-02-17
PRFB001000	Fab & Deliver Soundwall Materials	90	10-25-16	03-09-17
Construction		465	07-06-16	04-17-18
Segment A		460	07-06-16	04-10-18
Phase 1A		117	07-06-16	12-15-16
Erosion Control & Clearing		58	07-07-16	09-26-16
CA1AE01000	Clear & Grub - 121+50 to 129+00 RT - Military Highway	5	07-07-16	07-13-16
CA1AE00010	Install Erosion Control Measures - 121+50 to 129+50 - Military Highway	4	07-14-16	07-20-16
CA1AE01010	Clear & Grub - 118+00 to 129+50 LT - Military Highway	5	09-19-16	09-26-16
Traffic Control		1	07-06-16	07-06-16
CA1AT00010	Switch Traffic - Segment A - Phase 1A	1	07-06-16	07-06-16
Roadway		79	08-29-16	12-15-16
Military Highway Sta. 121+50 to Sta. 129+50		79	08-29-16	12-15-16
CA1ARB1000	Construct Ground Improvements - 122+00 to 127+00 RT - Military Highway	20	08-29-16	09-29-16
CA1ARB1010	Construct Ground Improvements - 120+00 to 126+00 LT - Military Highway	20	09-30-16	11-01-16
CA1ARB0010	Demo Existing Pavement - 121+50 to 129+00 RT - Military Highway	4	10-03-16	10-06-16
CA1ARB0020	Excavate / Widen - 121+50 to 129+00 RT - Military Highway	8	10-19-16	11-01-16
CA1ARB0030	Install Storm Drainage - 121+50 to 129+00 RT - Military Highway	6	11-02-16	11-15-16
CA1ARB0040	Finegrade Subgrade - 121+50 to 129+00 RT - Military Highway	2	11-16-16	11-17-16
CA1ARB0050	Place Subbase - 121+50 to 129+00 RT - Military Highway	4	11-21-16	11-28-16
CA1ARB0060	Install Underdrain - 121+50 to 129+00 RT - Military Highway	3	11-29-16	12-01-16
CA1ARB0070	Place Open Graded Drainage Layer - 121+50 to 129+00 RT - Military Highway	1	12-02-16	12-02-16
CA1ARB0080	Construct Curb & Gutter / Sidewalk - 121+50 to 129+00 RT - Military Highway	6	12-05-16	12-13-16
CA1ARB0090	Place Base & Intermediate Paving - 121+50 to 129+00 RT - Military Highway	2	12-14-16	12-15-16
Box Culvert		64	07-21-16	10-18-16
CA1AX00010	Divert Broad Creek - Box Culvert @ 125+xx	4	07-21-16	07-26-16
CA1AX00020	Construct Temporary Extension of Existing Culvert- Box Culvert @ 125+xx	20	07-27-16	08-25-16
CA1AX00030	Install SOE - Box Culvert @ 125+xx	6	09-30-16	10-07-16
CA1AX00040	Construct Eastern Portion - Box Culvert @ 125+xx	6	10-10-16	10-18-16
Phase 1B		26	12-19-16	01-23-17
Traffic Control		1	12-19-16	12-19-16
CA1BT00010	Switch Traffic - Segment A - Phase 1B	1	12-19-16	12-19-16
Roadway		3	12-20-16	12-22-16
Military Highway Sta. 120+00 to Sta. 129+50		3	12-20-16	12-22-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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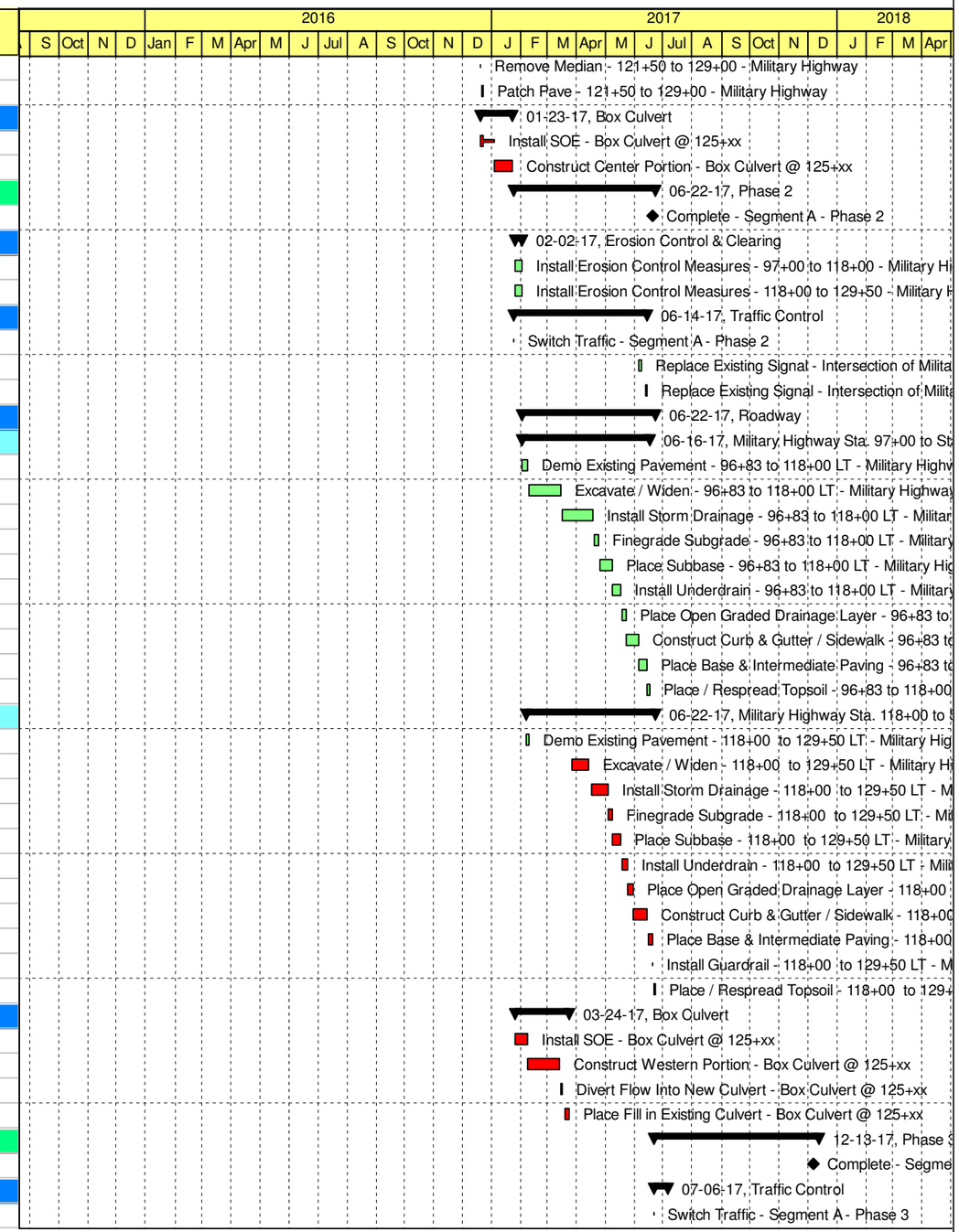
Activity ID	Activity Name	Original Duration	Start	Finish
CA1BRB0010	Remove Median - 121+50 to 129+00 - Military Highway	1	12-20-16	12-20-16
CA1BRB0020	Patch Pave - 121+50 to 129+00 - Military Highway	2	12-21-16	12-22-16
Box Culvert		25	12-20-16	01-23-17
CA1BX00010	Install SOE - Box Culvert @ 125+xx	4	12-20-16	01-03-17
CA1BX00020	Construct Center Portion - Box Culvert @ 125+xx	10	01-04-17	01-23-17
Phase 2		108	01-24-17	06-22-17
CA2A000000	Complete - Segment A - Phase 2	0		06-20-17
Erosion Control & Clearing		7	01-25-17	02-02-17
CA2AE00010	Install Erosion Control Measures - 97+00 to 118+00 - Military Highway	4	01-25-17	02-01-17
CA2AE00020	Install Erosion Control Measures - 118+00 to 129+50 - Military Highway	5	01-25-17	02-02-17
Traffic Control		102	01-24-17	06-14-17
CA2AT00010	Switch Traffic - Segment A - Phase 2	1	01-24-17	01-24-17
CA2AT01000	Replace Existing Signal - Intersection of Military/Target	3	06-06-17	06-08-17
CA2AT01010	Replace Existing Signal - Intersection of Military/Lake Herbert	3	06-12-17	06-14-17
Roadway		101	02-02-17	06-22-17
Military Highway Sta. 97+00 to Sta. 118+00		97	02-02-17	06-16-17
CA2ARA0010	Demo Existing Pavement - 96+83 to 118+00 LT - Military Highway	4	02-02-17	02-08-17
CA2ARA0020	Excavate / Widen - 96+83 to 118+00 LT - Military Highway	20	02-09-17	03-15-17
CA2ARA0030	Install Storm Drainage - 96+83 to 118+00 LT - Military Highway	20	03-16-17	04-18-17
CA2ARA0040	Finegrade Subgrade - 96+83 to 118+00 LT - Military Highway	3	04-19-17	04-24-17
CA2ARA0050	Place Subbase - 96+83 to 118+00 LT - Military Highway	10	04-25-17	05-08-17
CA2ARA0060	Install Underdrain - 96+83 to 118+00 LT - Military Highway	6	05-09-17	05-17-17
CA2ARA0070	Place Open Graded Drainage Layer - 96+83 to 118+00 LT - Military Highway	3	05-18-17	05-22-17
CA2ARA0080	Construct Curb & Gutter / Sidewalk - 96+83 to 118+00 LT - Military Highway	8	05-23-17	06-05-17
CA2ARA0090	Place Base & Intermediate Paving - 96+83 to 118+00 LT - Military Highway	5	06-06-17	06-13-17
CA2ARA0100	Place / Respread Topsoil - 96+83 to 118+00 LT - Military Highway	3	06-14-17	06-16-17
Military Highway Sta. 118+00 to Sta. 129+50		99	02-06-17	06-22-17
CA2ARB0010	Demo Existing Pavement - 118+00 to 129+50 LT - Military Highway	4	02-06-17	02-09-17
CA2ARB0020	Excavate / Widen - 118+00 to 129+50 LT - Military Highway	12	03-27-17	04-13-17
CA2ARB0030	Install Storm Drainage - 118+00 to 129+50 LT - Military Highway	12	04-17-17	05-03-17
CA2ARB0040	Finegrade Subgrade - 118+00 to 129+50 LT - Military Highway	3	05-04-17	05-08-17
CA2ARB0050	Place Subbase - 118+00 to 129+50 LT - Military Highway	6	05-09-17	05-17-17
CA2ARB0060	Install Underdrain - 118+00 to 129+50 LT - Military Highway	5	05-18-17	05-24-17
CA2ARB0070	Place Open Graded Drainage Layer - 118+00 to 129+50 LT - Military Highway	2	05-25-17	05-30-17
CA2ARB0080	Construct Curb & Gutter / Sidewalk - 118+00 to 129+50 LT - Military Highway	10	05-31-17	06-14-17
CA2ARB0090	Place Base & Intermediate Paving - 118+00 to 129+50 LT - Military Highway	3	06-15-17	06-19-17
CA2ARB0110	Install Guardrail - 118+00 to 129+50 LT - Military Highway	1	06-20-17	06-20-17
CA2ARB0100	Place / Respread Topsoil - 118+00 to 129+50 LT - Military Highway	2	06-21-17	06-22-17
Box Culvert		43	01-25-17	03-24-17
CA2AX00010	Install SOE - Box Culvert @ 125+xx	7	01-25-17	02-07-17
CA2AX00020	Construct Western Portion - Box Culvert @ 125+xx	20	02-08-17	03-14-17
CA2AX00030	Divert Flow Into New Culvert - Box Culvert @ 125+xx	2	03-15-17	03-16-17
CA2AX00040	Place Fill in Existing Culvert - Box Culvert @ 125+xx	5	03-20-17	03-24-17
Phase 3		126	06-21-17	12-13-17
CA3A000000	Complete - Segment A - Phase 3	0		12-07-17
Traffic Control		12	06-21-17	07-06-17
CA3AT00010	Switch Traffic - Segment A - Phase 3	1	06-21-17	06-21-17



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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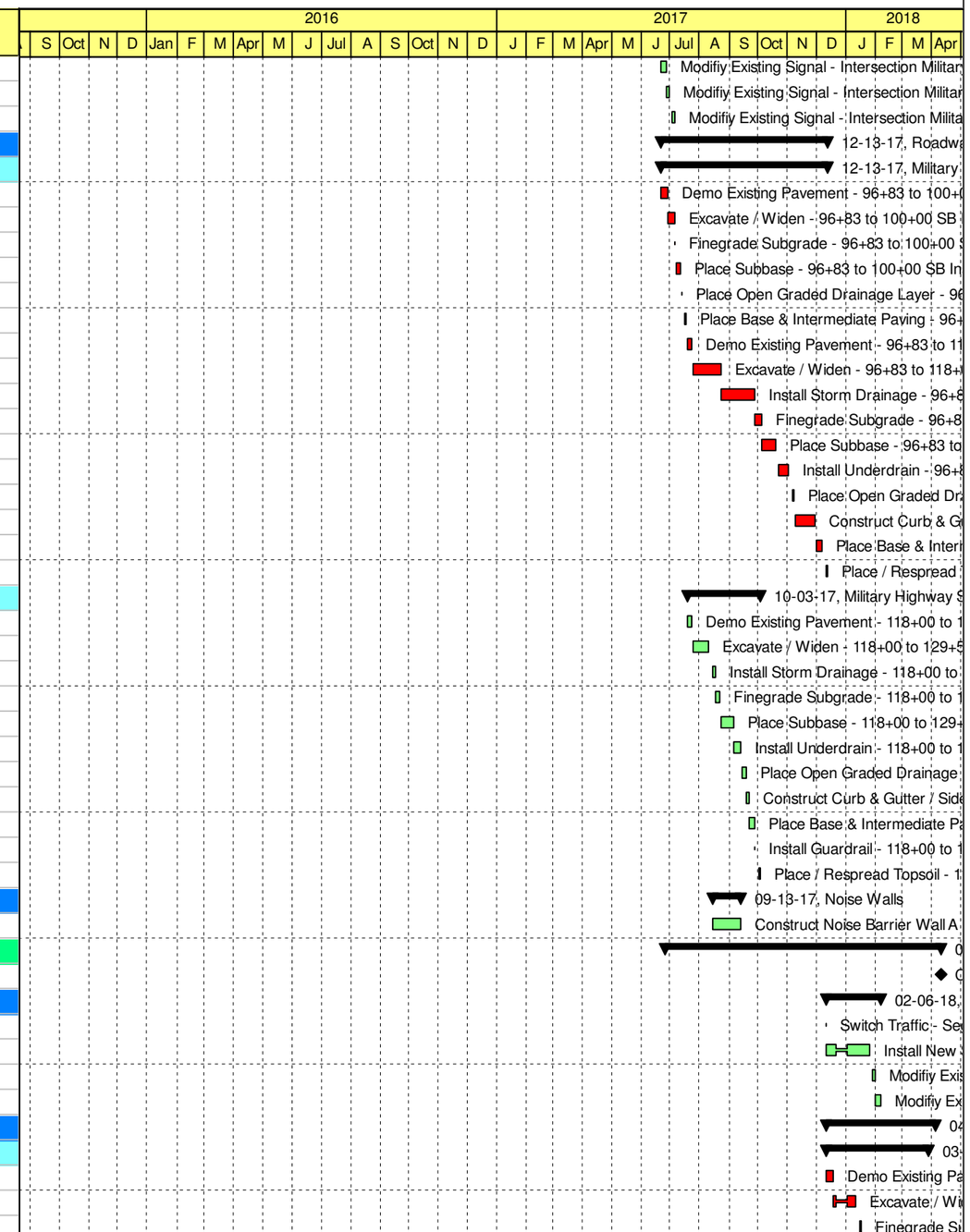
Activity ID	Activity Name	Original Duration	Start	Finish
CA3AT01000	Modifiy Existing Signal - Intersection Military/Lowery	3	06-22-17	06-27-17
CA3AT01010	Modifiy Existing Signal - Intersection Military/Target	3	06-28-17	06-30-17
CA3AT01020	Modifiy Existing Signal - Intersection Military/Lake Herbert	3	07-03-17	07-06-17
Roadway		125	06-22-17	12-13-17
Military Highway Sta. 97+00 to Sta. 118+00		125	06-22-17	12-13-17
CA3ARA0010	Demo Existing Pavement - 96+83 to 100+00 SB Inside - Military Highway	4	06-22-17	06-28-17
CA3ARA0020	Excavate / Widen - 96+83 to 100+00 SB Inside - Military Highway	4	06-29-17	07-05-17
CA3ARA0030	Finegrade Subgrade - 96+83 to 100+00 SB Inside - Military Highway	1	07-06-17	07-06-17
CA3ARA0040	Place Subbase - 96+83 to 100+00 SB Inside - Military Highway	4	07-07-17	07-12-17
CA3ARA0050	Place Open Graded Drainage Layer - 96+83 to 100+00 SB Inside - Military Highway	1	07-13-17	07-13-17
CA3ARA0060	Place Base & Intermediate Paving - 96+83 to 100+00 SB Inside - Military Highway	2	07-17-17	07-18-17
CA3ARA1000	Demo Existing Pavement - 96+83 to 118+00 RT - Military Highway	4	07-19-17	07-24-17
CA3ARA1010	Excavate / Widen - 96+83 to 118+00 RT - Military Highway	20	07-25-17	08-23-17
CA3ARA1020	Install Storm Drainage - 96+83 to 118+00 RT - Military Highway	21	08-24-17	09-27-17
CA3ARA1030	Finegrade Subgrade - 96+83 to 118+00 RT - Military Highway	4	09-28-17	10-04-17
CA3ARA1040	Place Subbase - 96+83 to 118+00 RT - Military Highway	10	10-05-17	10-19-17
CA3ARA1050	Install Underdrain - 96+83 to 118+00 RT - Military Highway	8	10-23-17	11-02-17
CA3ARA1060	Place Open Graded Drainage Layer - 96+83 to 118+00 RT - Military Highway	3	11-06-17	11-08-17
CA3ARA1070	Construct Curb & Gutter / Sidewalk - 96+83 to 118+00 RT - Military Highway	10	11-09-17	11-30-17
CA3ARA1080	Place Base & Intermediate Paving - 96+83 to 118+00 RT - Military Highway	5	12-01-17	12-07-17
CA3ARA1090	Place / Respread Topsoil - 96+83 to 118+00 RT - Military Highway	3	12-11-17	12-13-17
Military Highway Sta. 118+00 to Sta. 129+50		55	07-19-17	10-03-17
CA3ARB1000	Demo Existing Pavement - 118+00 to 129+50 RT - Military Highway	4	07-19-17	07-24-17
CA3ARB1010	Excavate / Widen - 118+00 to 129+50 RT - Military Highway	12	07-25-17	08-10-17
CA3ARB1020	Install Storm Drainage - 118+00 to 129+50 RT - Military Highway	4	08-14-17	08-17-17
CA3ARB1030	Finegrade Subgrade - 118+00 to 129+50 RT - Military Highway	3	08-18-17	08-22-17
CA3ARB1040	Place Subbase - 118+00 to 129+50 RT - Military Highway	8	08-23-17	09-05-17
CA3ARB1050	Install Underdrain - 118+00 to 129+50 RT - Military Highway	5	09-06-17	09-13-17
CA3ARB1060	Place Open Graded Drainage Layer - 118+00 to 129+50 RT - Military Highway	2	09-14-17	09-18-17
CA3ARB1070	Construct Curb & Gutter / Sidewalk - 118+00 to 129+50 RT - Military Highway	3	09-19-17	09-21-17
CA3ARB1080	Place Base & Intermediate Paving - 118+00 to 129+50 RT - Military Highway	4	09-22-17	09-27-17
CA3ARB1100	Install Guardrail - 118+00 to 129+50 RT - Military Highway	1	09-28-17	09-28-17
CA3ARB1090	Place / Respread Topsoil - 118+00 to 129+50 RT - Military Highway	2	10-02-17	10-03-17
Noise Walls		23	08-14-17	09-13-17
CA3AN00010	Construct Noise Barrier Wall A	20	08-14-17	09-13-17
Phase 4		207	06-26-17	04-10-18
CA4A000000	Complete - Segment A - Phase 4	0		04-10-18
Traffic Control		42	12-11-17	02-06-18
CA4AT00010	Switch Traffic - Segment A - Phase 4	1	12-11-17	12-11-17
CA4AT01010	Install New Signal - Intersection Military/Target	20	12-12-17	01-25-18
CA4AT01000	Modifiy Existing Signal - Intersection Military/Lowery	3	01-29-18	01-31-18
CA4AT01020	Modifiy Existing Signal - Intersection Military/Lake Herbert	3	02-01-18	02-06-18
Roadway		82	12-12-17	04-04-18
Military Highway Sta. 97+00 to Sta. 118+00		77	12-12-17	03-28-18
CA4ARA0010	Demo Existing Pavement - 96+83 to 118+00 Median - Military Highway	4	12-12-17	12-18-17
CA4ARA0020	Excavate / Widen - 96+83 to 118+00 Median - Military Highway	10	12-19-17	01-11-18
CA4ARA0030	Finegrade Subgrade - 96+83 to 118+00 Median - Military Highway	2	01-16-18	01-17-18



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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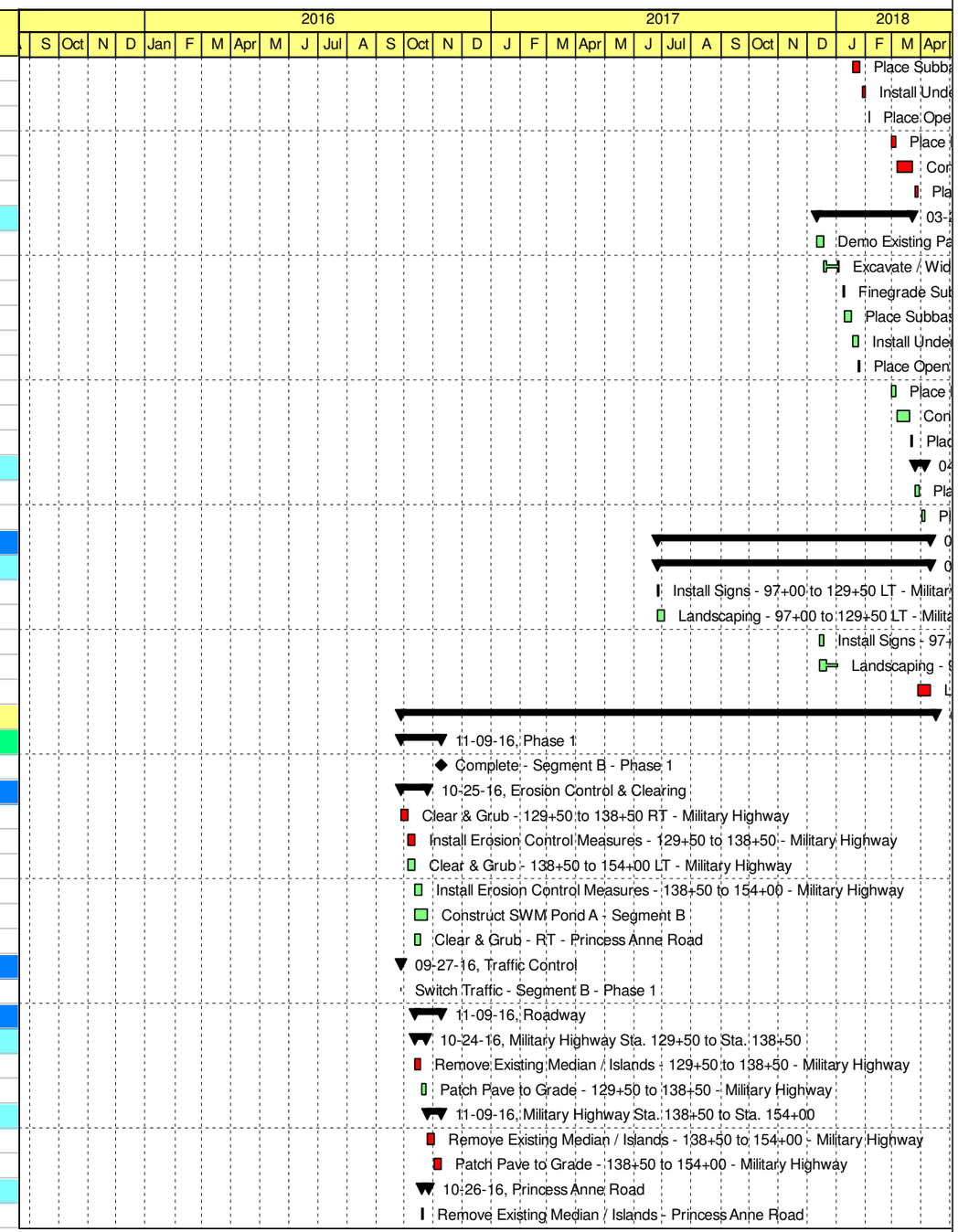
Activity ID	Activity Name	Original Duration	Start	Finish
CA4ARA0040	Place Subbase - 96+83 to 118+00 Median - Military Highway	4	01-18-18	01-25-18
CA4ARA0050	Install Underdrain - 96+83 to 118+00 Median - Military Highway	4	01-29-18	02-01-18
CA4ARA0060	Place Open Graded Drainage Layer - 96+83 to 118+00 Median - Military Highway	1	02-05-18	02-05-18
CA4ARA0070	Place Base & Intermediate Paving - 96+83 to 118+00 Median - Military Highway	2	03-01-18	03-05-18
CA4ARA0080	Construct Median - 96+83 to 118+00 Median - Military Highway	13	03-06-18	03-23-18
CA4ARA0090	Place / Respread Topsoil - 96+83 to 118+00 Median - Military Highway	3	03-26-18	03-28-18
Military Highway Sta. 118+00 to Sta. 129+50		73	12-12-17	03-22-18
CA4ARB0010	Demo Existing Pavement - 118+00 to 129+50 Median - Military Highway	4	12-12-17	12-18-17
CA4ARB0020	Excavate / Widen - 118+00 to 129+50 Median - Military Highway	6	12-19-17	01-04-18
CA4ARB0030	Finegrade Subgrade - 118+00 to 129+50 Median - Military Highway	2	01-08-18	01-09-18
CA4ARB0040	Place Subbase - 118+00 to 129+50 Median - Military Highway	4	01-10-18	01-17-18
CA4ARB0050	Install Underdrain - 118+00 to 129+50 Median - Military Highway	3	01-18-18	01-24-18
CA4ARB0060	Place Open Graded Drainage Layer - 118+00 to 129+50 Median - Military Highway	1	01-25-18	01-25-18
CA4ARB0070	Place Base & Intermediate Paving - 118+00 to 129+50 Median - Military Highway	2	03-01-18	03-05-18
CA4ARB0080	Construct Median - 118+00 to 129+50 Median - Military Highway	10	03-06-18	03-20-18
CA4ARB0090	Place / Respread Topsoil - 118+00 to 129+50 Median - Military Highway	2	03-21-18	03-22-18
Military Highway - Entire Segment		8	03-26-18	04-04-18
CA4ARZ0010	Place Surface Asphalt - 97+00 to 129+50 - Military Highway	4	03-26-18	03-29-18
CA4ARZ0020	Place Pavement Markings - 97+00 to 129+50 - Military Highway	3	04-02-18	04-04-18
Finishes		207	06-26-17	04-10-18
Military Highway - Entire Segment		207	06-26-17	04-10-18
CA4AFZ0100	Install Signs - 97+00 to 129+50 LT - Military Highway	2	06-26-17	06-27-17
CA4AFZ0110	Landscaping - 97+00 to 129+50 LT - Military Highway	6	06-26-17	07-03-17
CA4AFZ0000	Install Signs - 97+00 to 129+50 RT - Military Highway	3	12-14-17	12-19-17
CA4AFZ0010	Landscaping - 97+00 to 129+50 RT - Military Highway	6	12-14-17	01-02-18
CA4AFZ0200	Landscaping - 97+00 to 129+50 Median - Military Highway	7	03-29-18	04-10-18
Segment B		406	09-27-16	04-17-18
Phase 1		32	09-27-16	11-09-16
CB1A000000	Complete - Segment B - Phase 1	0		11-09-16
Erosion Control & Clearing		20	09-28-16	10-25-16
CB1AE02000	Clear & Grub - 129+50 to 138+50 RT - Military Highway	5	09-28-16	10-04-16
CB1AE00010	Install Erosion Control Measures - 129+50 to 138+50 - Military Highway	5	10-05-16	10-11-16
CB1AE02010	Clear & Grub - 138+50 to 154+00 LT - Military Highway	5	10-05-16	10-11-16
CB1AE00020	Install Erosion Control Measures - 138+50 to 154+00 - Military Highway	5	10-12-16	10-19-16
CB1AE01000	Construct SWM Pond A - Segment B	8	10-12-16	10-25-16
CB1AE02020	Clear & Grub - RT - Princess Anne Road	4	10-12-16	10-18-16
Traffic Control		1	09-27-16	09-27-16
CB1AT00010	Switch Traffic - Segment B - Phase 1	1	09-27-16	09-27-16
Roadway		21	10-12-16	11-09-16
Military Highway Sta. 129+50 to Sta. 138+50		9	10-12-16	10-24-16
CB1ARA0010	Remove Existing Median / Islands - 129+50 to 138+50 - Military Highway	4	10-12-16	10-18-16
CB1ARA0020	Patch Pave to Grade - 129+50 to 138+50 - Military Highway	3	10-19-16	10-24-16
Military Highway Sta. 138+50 to Sta. 154+00		11	10-26-16	11-09-16
CB1ARB0010	Remove Existing Median / Islands - 138+50 to 154+00 - Military Highway	4	10-26-16	11-01-16
CB1ARB0020	Patch Pave to Grade - 138+50 to 154+00 - Military Highway	4	11-02-16	11-09-16
Princess Anne Road		6	10-19-16	10-26-16
CB1ARC0010	Remove Existing Median / Islands - Princess Anne Road	2	10-19-16	10-20-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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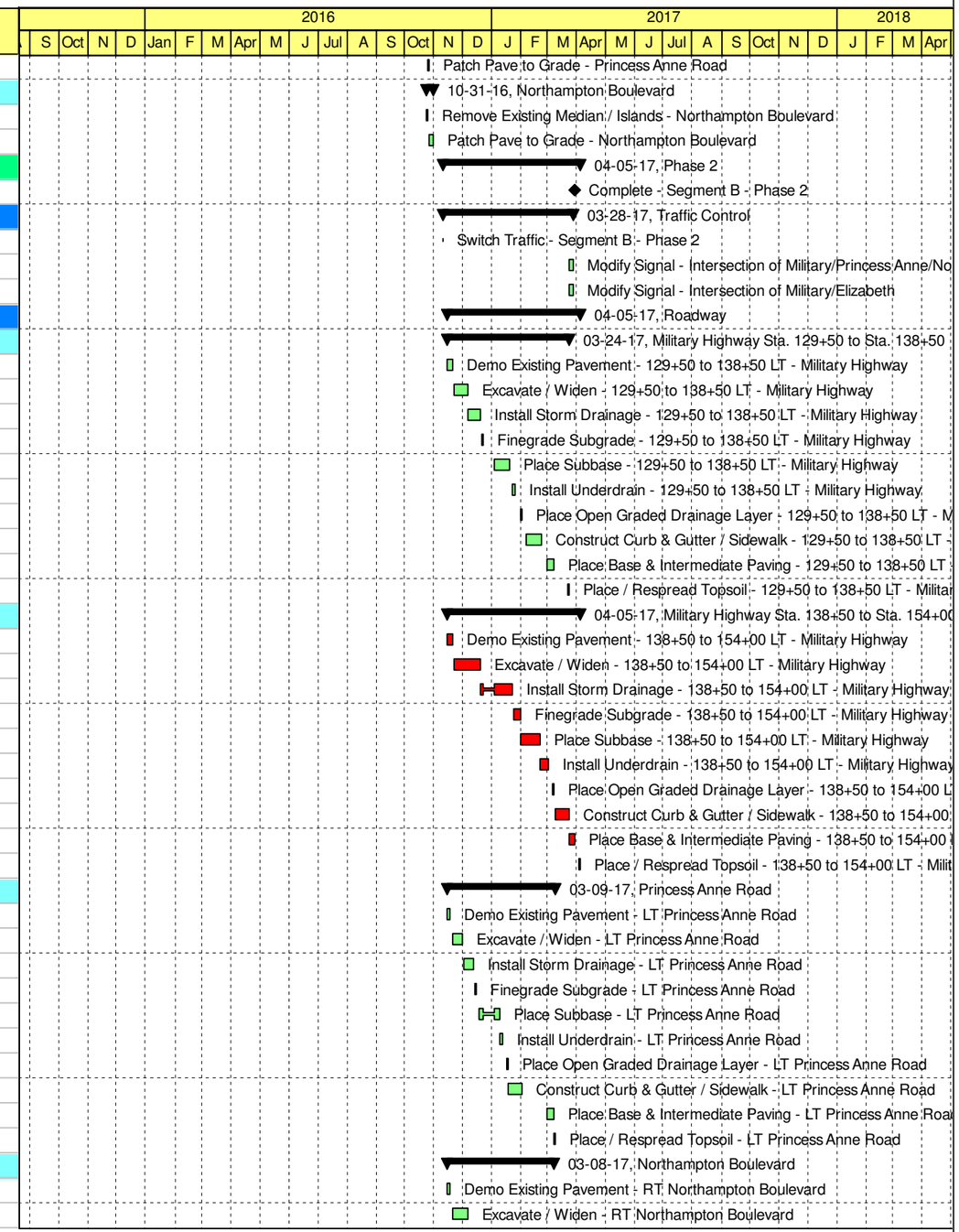
Activity ID	Activity Name	Original Duration	Start	Finish
CB1ARC0020	Patch Pave to Grade - Princess Anne Road	2	10-25-16	10-26-16
Northampton Boulevard		6	10-24-16	10-31-16
CB1ARD0010	Remove Existing Median / Islands - Northampton Boulevard	2	10-24-16	10-25-16
CB1ARD0020	Patch Pave to Grade - Northampton Boulevard	2	10-27-16	10-31-16
Phase 2		105	11-10-16	04-05-17
CB2A000000	Complete - Segment B - Phase 2	0		03-30-17
Traffic Control		99	11-10-16	03-28-17
CB2AT00010	Switch Traffic - Segment B - Phase 2	1	11-10-16	11-10-16
CB2AT01000	Modify Signal - Intersection of Military/Princess Anne/Northampton	3	03-24-17	03-28-17
CB2AT01010	Modify Signal - Intersection of Military/Elizabeth	3	03-24-17	03-28-17
Roadway		102	11-15-16	04-05-17
Military Highway Sta. 129+50 to Sta. 138+50		94	11-15-16	03-24-17
CB2ARA0010	Demo Existing Pavement - 129+50 to 138+50 LT - Military Highway	4	11-15-16	11-21-16
CB2ARA0020	Excavate / Widen - 129+50 to 138+50 LT - Military Highway	9	11-22-16	12-06-16
CB2ARA0030	Install Storm Drainage - 129+50 to 138+50 LT - Military Highway	8	12-07-16	12-20-16
CB2ARA0040	Finegrade Subgrade - 129+50 to 138+50 LT - Military Highway	2	12-21-16	12-22-16
CB2ARA0050	Place Subbase - 129+50 to 138+50 LT - Military Highway	10	01-03-17	01-19-17
CB2ARA0060	Install Underdrain - 129+50 to 138+50 LT - Military Highway	4	01-23-17	01-26-17
CB2ARA0070	Place Open Graded Drainage Layer - 129+50 to 138+50 LT - Military Highway	3	01-31-17	02-02-17
CB2ARA0080	Construct Curb & Gutter / Sidewalk - 129+50 to 138+50 LT - Military Highway	10	02-06-17	02-22-17
CB2ARA0090	Place Base & Intermediate Paving - 129+50 to 138+50 LT - Military Highway	5	03-01-17	03-08-17
CB2ARA0100	Place / Respread Topsoil - 129+50 to 138+50 LT - Military Highway	2	03-23-17	03-24-17
Military Highway Sta. 138+50 to Sta. 154+00		102	11-15-16	04-05-17
CB2ARB0010	Demo Existing Pavement - 138+50 to 154+00 LT - Military Highway	4	11-15-16	11-21-16
CB2ARB0020	Excavate / Widen - 138+50 to 154+00 LT - Military Highway	16	11-22-16	12-19-16
CB2ARB0030	Install Storm Drainage - 138+50 to 154+00 LT - Military Highway	14	12-20-16	01-23-17
CB2ARB0040	Finegrade Subgrade - 138+50 to 154+00 LT - Military Highway	4	01-24-17	01-31-17
CB2ARB0050	Place Subbase - 138+50 to 154+00 LT - Military Highway	10	02-01-17	02-20-17
CB2ARB0060	Install Underdrain - 138+50 to 154+00 LT - Military Highway	7	02-21-17	03-02-17
CB2ARB0070	Place Open Graded Drainage Layer - 138+50 to 154+00 LT - Military Highway	3	03-06-17	03-08-17
CB2ARB0080	Construct Curb & Gutter / Sidewalk - 138+50 to 154+00 LT - Military Highway	10	03-09-17	03-23-17
CB2ARB0090	Place Base & Intermediate Paving - 138+50 to 154+00 LT - Military Highway	5	03-24-17	03-30-17
CB2ARB0100	Place / Respread Topsoil - 138+50 to 154+00 LT - Military Highway	3	04-03-17	04-05-17
Princess Anne Road		83	11-15-16	03-09-17
CB2ARC0010	Demo Existing Pavement - LT Princess Anne Road	3	11-15-16	11-17-16
CB2ARC0020	Excavate / Widen - LT Princess Anne Road	7	11-21-16	12-01-16
CB2ARC0030	Install Storm Drainage - LT Princess Anne Road	7	12-02-16	12-13-16
CB2ARC0040	Finegrade Subgrade - LT Princess Anne Road	2	12-14-16	12-15-16
CB2ARC0050	Place Subbase - LT Princess Anne Road	8	12-19-16	01-09-17
CB2ARC0060	Install Underdrain - LT Princess Anne Road	3	01-10-17	01-12-17
CB2ARC0070	Place Open Graded Drainage Layer - LT Princess Anne Road	2	01-17-17	01-18-17
CB2ARC0080	Construct Curb & Gutter / Sidewalk - LT Princess Anne Road	8	01-19-17	02-02-17
CB2ARC0090	Place Base & Intermediate Paving - LT Princess Anne Road	4	03-01-17	03-07-17
CB2ARC0100	Place / Respread Topsoil - LT Princess Anne Road	2	03-08-17	03-09-17
Northampton Boulevard		82	11-15-16	03-08-17
CB2ARD0010	Demo Existing Pavement - RT Northampton Boulevard	3	11-15-16	11-17-16
CB2ARD0020	Excavate / Widen - RT Northampton Boulevard	10	11-21-16	12-06-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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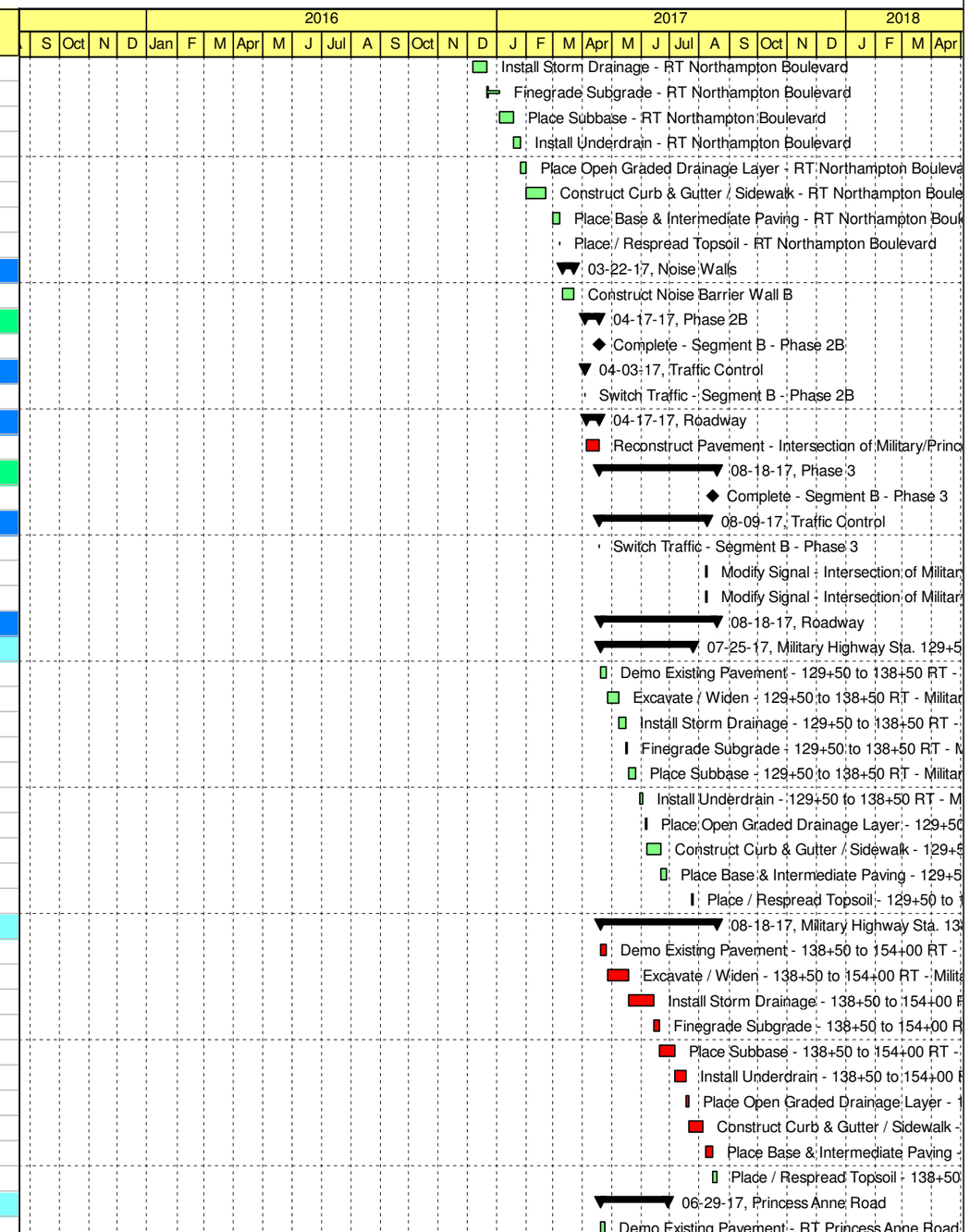
Activity ID	Activity Name	Original Duration	Start	Finish
CB2ARD0030	Install Storm Drainage - RT Northampton Boulevard	9	12-07-16	12-21-16
CB2ARD0040	Finegrade Subgrade - RT Northampton Boulevard	2	12-22-16	01-03-17
CB2ARD0050	Place Subbase - RT Northampton Boulevard	8	01-04-17	01-18-17
CB2ARD0060	Install Underdrain - RT Northampton Boulevard	4	01-19-17	01-25-17
CB2ARD0070	Place Open Graded Drainage Layer - RT Northampton Boulevard	2	01-26-17	01-31-17
CB2ARD0080	Construct Curb & Gutter / Sidewalk - RT Northampton Boulevard	10	02-01-17	02-20-17
CB2ARD0090	Place Base & Intermediate Paving - RT Northampton Boulevard	4	03-01-17	03-07-17
CB2ARD0100	Place / Respread Topsoil - RT Northampton Boulevard	1	03-08-17	03-08-17
Noise Walls		9	03-10-17	03-22-17
CB2AN00100	Construct Noise Barrier Wall B	8	03-10-17	03-22-17
Phase 2B		11	04-03-17	04-17-17
CB2B000000	Complete - Segment B - Phase 2B	0		04-17-17
Traffic Control		1	04-03-17	04-03-17
CB2BT00010	Switch Traffic - Segment B - Phase 2B	1	04-03-17	04-03-17
Roadway		10	04-04-17	04-17-17
CB2BR00010	Reconstruct Pavement - Intersection of Military/Princess Anne/Northampton	8	04-04-17	04-17-17
Phase 3		89	04-18-17	08-18-17
CB3A000000	Complete - Segment B - Phase 3	0		08-14-17
Traffic Control		82	04-18-17	08-09-17
CB3AT00010	Switch Traffic - Segment B - Phase 3	1	04-18-17	04-18-17
CB3AT01000	Modify Signal - Intersection of Military/Princess Anne/Northampton	3	08-07-17	08-09-17
CB3AT01010	Modify Signal - Intersection of Military/Elizabeth	3	08-07-17	08-09-17
Roadway		88	04-19-17	08-18-17
Military Highway Sta. 129+50 to Sta. 138+50		70	04-19-17	07-25-17
CB3ARA0010	Demo Existing Pavement - 129+50 to 138+50 RT - Military Highway	4	04-19-17	04-25-17
CB3ARA0020	Excavate / Widen - 129+50 to 138+50 RT - Military Highway	9	04-26-17	05-08-17
CB3ARA0030	Install Storm Drainage - 129+50 to 138+50 RT - Military Highway	4	05-09-17	05-15-17
CB3ARA0040	Finegrade Subgrade - 129+50 to 138+50 RT - Military Highway	2	05-16-17	05-17-17
CB3ARA0050	Place Subbase - 129+50 to 138+50 RT - Military Highway	6	05-18-17	05-25-17
CB3ARA0060	Install Underdrain - 129+50 to 138+50 RT - Military Highway	4	05-30-17	06-02-17
CB3ARA0070	Place Open Graded Drainage Layer - 129+50 to 138+50 RT - Military Highway	2	06-05-17	06-06-17
CB3ARA0080	Construct Curb & Gutter / Sidewalk - 129+50 to 138+50 RT - Military Highway	10	06-07-17	06-21-17
CB3ARA0090	Place Base & Intermediate Paving - 129+50 to 138+50 RT - Military Highway	3	06-22-17	06-27-17
CB3ARA0100	Place / Respread Topsoil - 129+50 to 138+50 RT - Military Highway	2	07-24-17	07-25-17
Military Highway Sta. 138+50 to Sta. 154+00		88	04-19-17	08-18-17
CB3ARB0010	Demo Existing Pavement - 138+50 to 154+00 RT - Military Highway	4	04-19-17	04-25-17
CB3ARB0020	Excavate / Widen - 138+50 to 154+00 RT - Military Highway	16	04-26-17	05-18-17
CB3ARB0030	Install Storm Drainage - 138+50 to 154+00 RT - Military Highway	15	05-19-17	06-13-17
CB3ARB0040	Finegrade Subgrade - 138+50 to 154+00 RT - Military Highway	4	06-14-17	06-19-17
CB3ARB0050	Place Subbase - 138+50 to 154+00 RT - Military Highway	10	06-20-17	07-05-17
CB3ARB0060	Install Underdrain - 138+50 to 154+00 RT - Military Highway	7	07-06-17	07-17-17
CB3ARB0070	Place Open Graded Drainage Layer - 138+50 to 154+00 RT - Military Highway	3	07-18-17	07-20-17
CB3ARB0080	Construct Curb & Gutter / Sidewalk - 138+50 to 154+00 RT - Military Highway	10	07-21-17	08-04-17
CB3ARB0090	Place Base & Intermediate Paving - 138+50 to 154+00 RT - Military Highway	5	08-07-17	08-14-17
CB3ARB0100	Place / Respread Topsoil - 138+50 to 154+00 RT - Military Highway	4	08-15-17	08-18-17
Princess Anne Road		52	04-19-17	06-29-17
CB3ARC0010	Demo Existing Pavement - RT Princess Anne Road	3	04-19-17	04-24-17



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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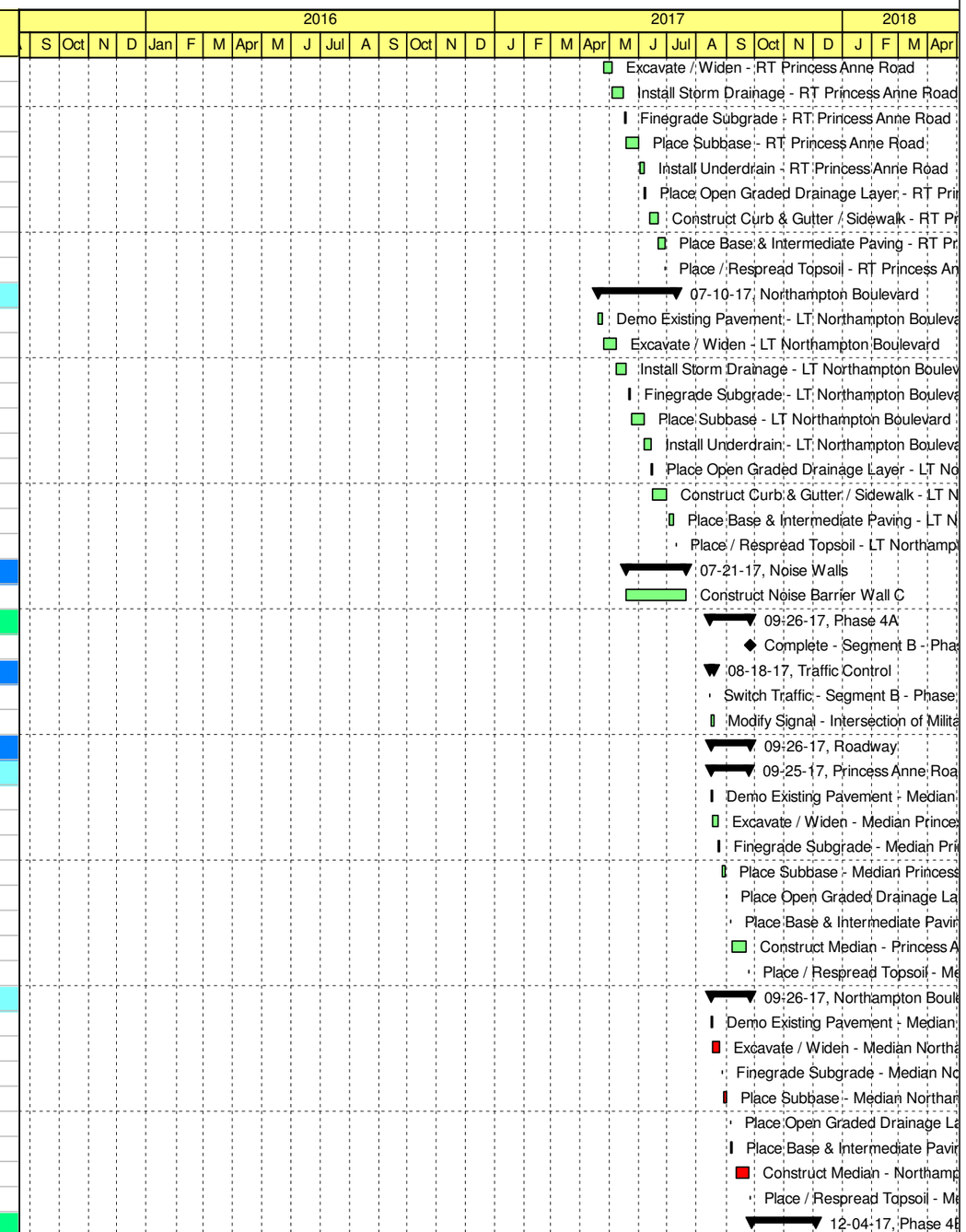
Activity ID	Activity Name	Original Duration	Start	Finish
CB3ARC0020	Excavate / Widen - RT Princess Anne Road	7	04-25-17	05-03-17
CB3ARC0030	Install Storm Drainage - RT Princess Anne Road	8	05-04-17	05-16-17
CB3ARC0040	Finegrade Subgrade - RT Princess Anne Road	2	05-17-17	05-18-17
CB3ARC0050	Place Subbase - RT Princess Anne Road	8	05-19-17	06-01-17
CB3ARC0060	Install Underdrain - RT Princess Anne Road	3	06-02-17	06-06-17
CB3ARC0070	Place Open Graded Drainage Layer - RT Princess Anne Road	2	06-07-17	06-08-17
CB3ARC0080	Construct Curb & Gutter / Sidewalk - RT Princess Anne Road	8	06-12-17	06-21-17
CB3ARC0090	Place Base & Intermediate Paving - RT Princess Anne Road	4	06-22-17	06-28-17
CB3ARC0100	Place / Respread Topsoil - RT Princess Anne Road	1	06-29-17	06-29-17
Northampton Boulevard		59	04-19-17	07-10-17
CB3ARD0010	Demo Existing Pavement - LT Northampton Boulevard	3	04-19-17	04-24-17
CB3ARD0020	Excavate / Widen - LT Northampton Boulevard	10	04-25-17	05-08-17
CB3ARD0030	Install Storm Drainage - LT Northampton Boulevard	8	05-09-17	05-19-17
CB3ARD0040	Finegrade Subgrade - LT Northampton Boulevard	2	05-22-17	05-23-17
CB3ARD0050	Place Subbase - LT Northampton Boulevard	8	05-24-17	06-06-17
CB3ARD0060	Install Underdrain - LT Northampton Boulevard	4	06-07-17	06-13-17
CB3ARD0070	Place Open Graded Drainage Layer - LT Northampton Boulevard	2	06-14-17	06-15-17
CB3ARD0080	Construct Curb & Gutter / Sidewalk - LT Northampton Boulevard	10	06-16-17	06-30-17
CB3ARD0090	Place Base & Intermediate Paving - LT Northampton Boulevard	4	07-03-17	07-07-17
CB3ARD0100	Place / Respread Topsoil - LT Northampton Boulevard	1	07-10-17	07-10-17
Noise Walls		46	05-19-17	07-21-17
CB3AN00100	Construct Noise Barrier Wall C	40	05-19-17	07-21-17
Phase 4A		31	08-15-17	09-26-17
CB4A000000	Complete - Segment B - Phase 4A	0		09-26-17
Traffic Control		4	08-15-17	08-18-17
CB4AT00010	Switch Traffic - Segment B - Phase 4	1	08-15-17	08-15-17
CB4AT01000	Modify Signal - Intersection of Military/Princess Anne/Northampton	3	08-16-17	08-18-17
Roadway		30	08-16-17	09-26-17
Princess Anne Road		29	08-16-17	09-25-17
CB4ARC0010	Demo Existing Pavement - Median Princess Anne Road	2	08-16-17	08-17-17
CB4ARC0020	Excavate / Widen - Median Princess Anne Road	4	08-18-17	08-23-17
CB4ARC0030	Finegrade Subgrade - Median Princess Anne Road	1	08-24-17	08-24-17
CB4ARC0040	Place Subbase - Median Princess Anne Road	4	08-28-17	08-31-17
CB4ARC0050	Place Open Graded Drainage Layer - Median Princess Anne Road	1	09-01-17	09-01-17
CB4ARC0060	Place Base & Intermediate Paving - Median Princess Anne Road	2	09-05-17	09-06-17
CB4ARC0070	Construct Median - Princess Anne Road	10	09-07-17	09-22-17
CB4ARC0080	Place / Respread Topsoil - Median Princess Anne Road	1	09-25-17	09-25-17
Northampton Boulevard		30	08-16-17	09-26-17
CB4ARD0010	Demo Existing Pavement - Median Northampton Boulevard	2	08-16-17	08-17-17
CB4ARD0020	Excavate / Widen - Median Northampton Boulevard	5	08-18-17	08-24-17
CB4ARD0030	Finegrade Subgrade - Median Northampton Boulevard	1	08-28-17	08-28-17
CB4ARD0040	Place Subbase - Median Northampton Boulevard	4	08-29-17	09-01-17
CB4ARD0050	Place Open Graded Drainage Layer - Median Northampton Boulevard	1	09-05-17	09-05-17
CB4ARD0060	Place Base & Intermediate Paving - Median Northampton Boulevard	2	09-06-17	09-07-17
CB4ARD0070	Construct Median - Northampton Boulevard	10	09-11-17	09-25-17
CB4ARD0080	Place / Respread Topsoil - Median Northampton Boulevard	1	09-26-17	09-26-17
Phase 4B		49	09-27-17	12-04-17



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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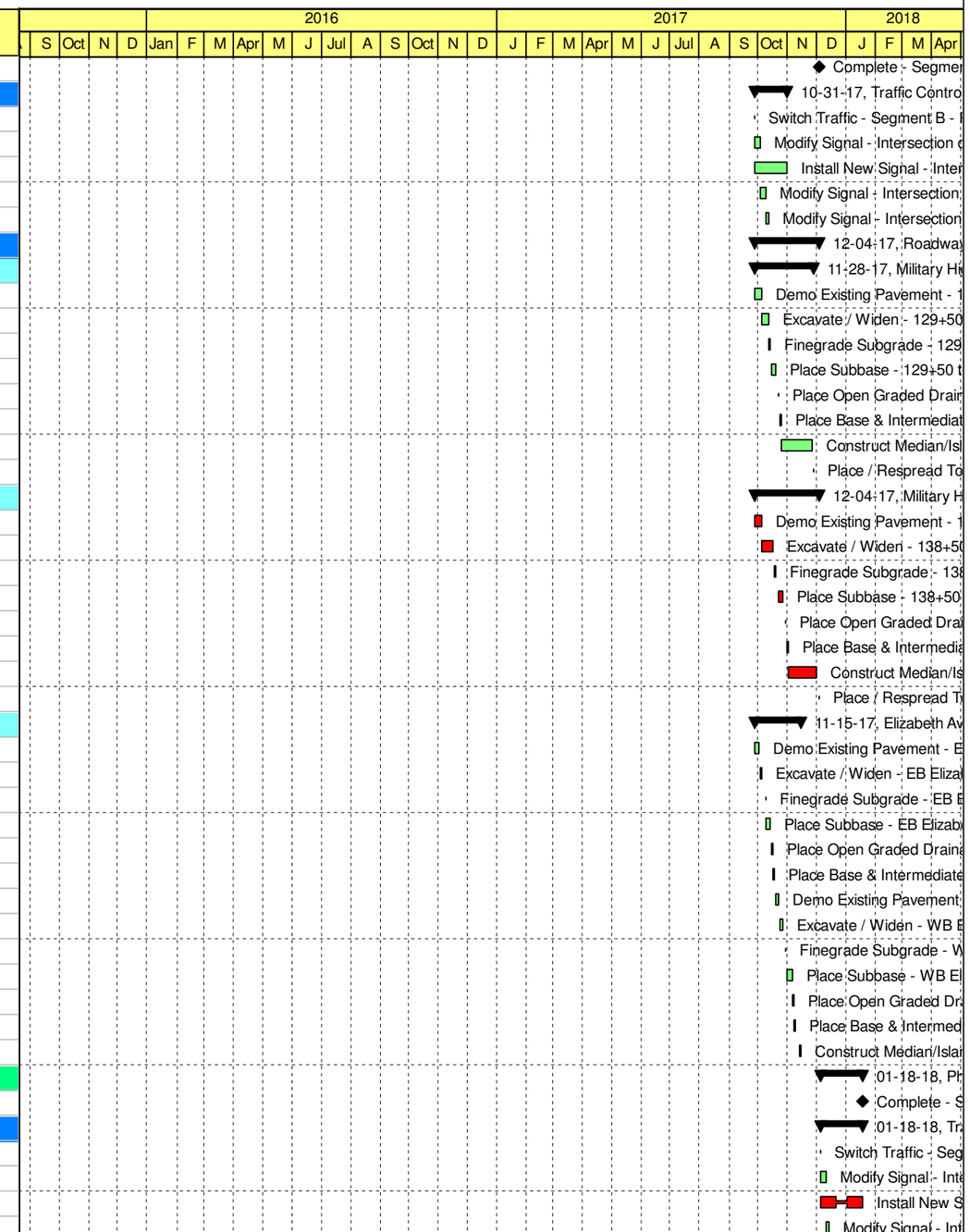
Activity ID	Activity Name	Original Duration	Start	Finish
CB4B000000	Complete - Segment B - Phase 4B	0		12-04-17
Traffic Control		25	09-27-17	10-31-17
CB4BT00010	Switch Traffic - Segment B - Phase 4B	1	09-27-17	09-27-17
CB4BT01000	Modify Signal - Intersection of Military/Princess Anne/Northampton	3	09-28-17	10-03-17
CB4BT01030	Install New Signal - Intersection of Military/Lake Wright	20	09-28-17	10-31-17
CB4BT01010	Modify Signal - Intersection of Military/Elizabeth	3	10-04-17	10-09-17
CB4BT01020	Modify Signal - Intersection of Princess Anne/Kilmer	3	10-10-17	10-12-17
Roadway		48	09-28-17	12-04-17
Military Highway Sta. 129+50 to Sta. 138+50		44	09-28-17	11-28-17
CB4BRA0010	Demo Existing Pavement - 129+50 to 138+50 Median - Military Highway	4	09-28-17	10-04-17
CB4BRA0020	Excavate / Widen - 129+50 to 138+50 Median - Military Highway	5	10-05-17	10-12-17
CB4BRA0030	Finegrade Subgrade - 129+50 to 138+50 Median - Military Highway	1	10-13-17	10-13-17
CB4BRA0040	Place Subbase - 129+50 to 138+50 Median - Military Highway	4	10-16-17	10-19-17
CB4BRA0050	Place Open Graded Drainage Layer - 129+50 to 138+50 Median - Military Highway	1	10-23-17	10-23-17
CB4BRA0060	Place Base & Intermediate Paving - 129+50 to 138+50 Median - Military Highway	2	10-24-17	10-25-17
CB4BRA0070	Construct Median/Islands - 129+50 to 138+50 - Military Highway	15	10-26-17	11-27-17
CB4BRA0080	Place / Respread Topsoil - 129+50 to 138+50 Median - Military Highway	1	11-28-17	11-28-17
Military Highway Sta. 138+50 to Sta. 154+00		48	09-28-17	12-04-17
CB4BRB0010	Demo Existing Pavement - 138+50 to 154+00 Median - Military Highway	4	09-28-17	10-04-17
CB4BRB0020	Excavate / Widen - 138+50 to 154+00 Median - Military Highway	8	10-05-17	10-17-17
CB4BRB0030	Finegrade Subgrade - 138+50 to 154+00 Median - Military Highway	2	10-18-17	10-19-17
CB4BRB0040	Place Subbase - 138+50 to 154+00 Median - Military Highway	4	10-23-17	10-26-17
CB4BRB0050	Place Open Graded Drainage Layer - 138+50 to 154+00 Median - Military Highway	1	10-30-17	10-30-17
CB4BRB0060	Place Base & Intermediate Paving - 138+50 to 154+00 Median - Military Highway	2	10-31-17	11-01-17
CB4BRB0070	Construct Median/Islands - 138+50 to 154+00 - Military Highway	15	11-02-17	12-01-17
CB4BRB0080	Place / Respread Topsoil - 138+50 to 154+00 Median - Military Highway	1	12-04-17	12-04-17
Elizabeth Avenue		35	09-28-17	11-15-17
CB4BRE0010	Demo Existing Pavement - EB Elizabeth Avenue East	2	09-28-17	10-02-17
CB4BRE0020	Excavate / Widen - EB Elizabeth Avenue East	3	10-03-17	10-05-17
CB4BRE0030	Finegrade Subgrade - EB Elizabeth Avenue East	1	10-09-17	10-09-17
CB4BRE0040	Place Subbase - EB Elizabeth Avenue East	4	10-10-17	10-13-17
CB4BRE0050	Place Open Graded Drainage Layer - EB Elizabeth Avenue East	1	10-16-17	10-16-17
CB4BRE0060	Place Base & Intermediate Asphalt - EB Elizabeth Avenue East	2	10-17-17	10-18-17
CB4BRE1000	Demo Existing Pavement - WB Elizabeth Avenue East	2	10-19-17	10-23-17
CB4BRE1010	Excavate / Widen - WB Elizabeth Avenue East	3	10-24-17	10-26-17
CB4BRE1020	Finegrade Subgrade - WB Elizabeth Avenue East	1	10-30-17	10-30-17
CB4BRE1030	Place Subbase - WB Elizabeth Avenue East	4	10-31-17	11-06-17
CB4BRE1040	Place Open Graded Drainage Layer - WB Elizabeth Avenue East	1	11-07-17	11-07-17
CB4BRE1050	Place Base & Intermediate Asphalt - WB Elizabeth Avenue East	2	11-08-17	11-09-17
CB4BRE1060	Construct Median/Islands - Elizabeth Avenue East	2	11-14-17	11-15-17
Phase 4C		33	12-05-17	01-18-18
CB4C000000	Complete - Segment B - Phase 4C	0		01-18-18
Traffic Control		33	12-05-17	01-18-18
CB4CT00010	Switch Traffic - Segment B - Phase 4C	1	12-05-17	12-05-17
CB4CT01000	Modify Signal - Intersection of Military/Princess Anne/Northampton	3	12-06-17	12-11-17
CB4CT01030	Install New Signal - Crossover on south Leg of Military Highway	20	12-06-17	01-18-18
CB4CT01010	Modify Signal - Intersection of Military/Elizabeth	3	12-12-17	12-14-17



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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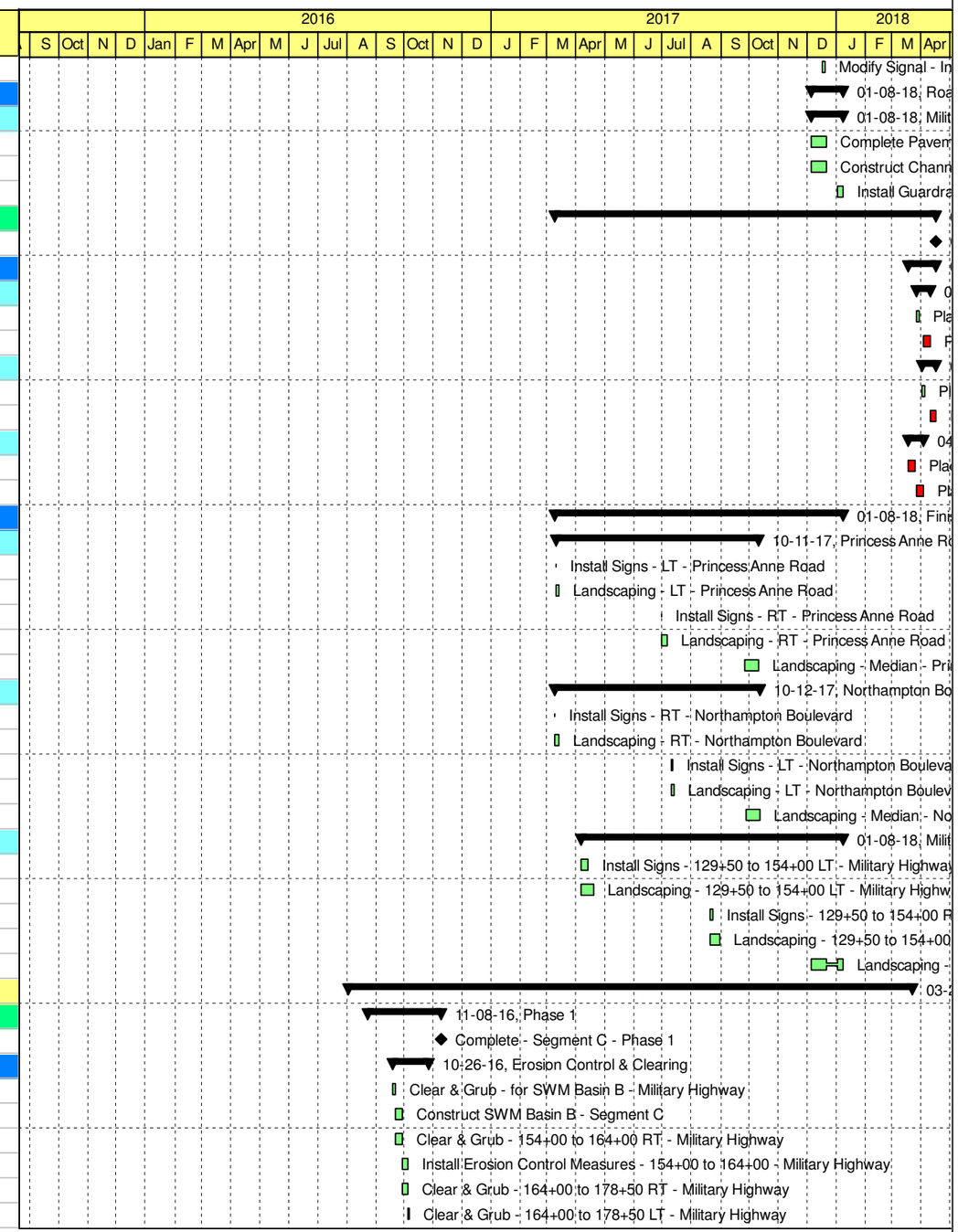
Activity ID	Activity Name	Original Duration	Start	Finish
CB4CT01020	Modify Signal - Intersection of Military/Lake Wright	3	12-18-17	12-20-17
Roadway		24	12-06-17	01-08-18
Military Highway Sta. 138+50 to Sta. 154+00		24	12-06-17	01-08-18
CB4CRB0010	Complete Pavement Reconstruction @ Railroad Crossing	10	12-06-17	12-21-17
CB4CRB1000	Construct Channelizing Islands - 138+50 to 154+00 - Military Highway	10	12-06-17	12-21-17
CB4CRB1010	Install Guardrail - Channelizing Islands - 138+50 to 154+00 - Military Highway	4	01-02-18	01-08-18
Phase 5		289	03-09-17	04-17-18
CB5A000000	Complete - Segment B - Phase 5	0		04-17-18
Roadway		22	03-19-18	04-17-18
Princess Anne Road		11	03-27-18	04-10-18
CB5ARC0010	Place Surface Asphalt - Princess Anne Road	3	03-27-18	03-29-18
CB5ARC0020	Place Pavement Markings - Princess Anne Road	4	04-04-18	04-10-18
Northampton Boulevard		12	04-02-18	04-17-18
CB5ARD0010	Place Surface Asphalt Northampton Boulevard	3	04-02-18	04-04-18
CB5ARD0020	Place Pavement Markings Northampton Boulevard	4	04-11-18	04-17-18
Military Highway - Entire Segment		12	03-19-18	04-03-18
CB5ARZ0010	Place Surface Asphalt - 129+50 to 154+00 - Military Highway	6	03-19-18	03-26-18
CB5ARZ0020	Place Pavement Markings - 129+50 to 154+00 - Military Highway	5	03-27-18	04-03-18
Finishes		218	03-09-17	01-08-18
Princess Anne Road		154	03-10-17	10-11-17
CB5AFC0100	Install Signs - LT - Princess Anne Road	1	03-10-17	03-10-17
CB5AFC0110	Landscaping - LT - Princess Anne Road	3	03-10-17	03-14-17
CB5AFC0000	Install Signs - RT - Princess Anne Road	1	06-30-17	06-30-17
CB5AFC0010	Landscaping - RT - Princess Anne Road	3	06-30-17	07-05-17
CB5AFC0200	Landscaping - Median - Princess Anne Road	10	09-26-17	10-11-17
Northampton Boulevard		156	03-09-17	10-12-17
CB5AFD0000	Install Signs - RT - Northampton Boulevard	1	03-09-17	03-09-17
CB5AFD0010	Landscaping - RT - Northampton Boulevard	3	03-09-17	03-13-17
CB5AFD0100	Install Signs - LT - Northampton Boulevard	1	07-11-17	07-11-17
CB5AFD0110	Landscaping - LT - Northampton Boulevard	3	07-11-17	07-13-17
CB5AFD0200	Landscaping - Median - Northampton Boulevard	10	09-27-17	10-12-17
Military Highway - Entire Segment		198	04-06-17	01-08-18
CB5AFZ0100	Install Signs - 129+50 to 154+00 LT - Military Highway	5	04-06-17	04-13-17
CB5AFZ0110	Landscaping - 129+50 to 154+00 LT - Military Highway	8	04-06-17	04-19-17
CB5AFZ0000	Install Signs - 129+50 to 154+00 RT- Military Highway	3	08-21-17	08-23-17
CB5AFZ0010	Landscaping - 129+50 to 154+00 RT - Military Highway	8	08-21-17	08-31-17
CB5AFZ0200	Landscaping - 129+50 to 154+00 Median - Military Highway	15	12-05-17	01-08-18
Segment C		429	08-02-16	03-23-18
Phase 1		56	08-23-16	11-08-16
CC1A000000	Complete - Segment C - Phase 1	0		11-08-16
Erosion Control & Clearing		28	09-19-16	10-26-16
CC1AE02000	Clear & Grub - for SWM Basin B - Military Highway	3	09-19-16	09-21-16
CC1AE01000	Construct SWM Basin B - Segment C	5	09-22-16	09-29-16
CC1AE02010	Clear & Grub - 154+00 to 164+00 RT - Military Highway	4	09-22-16	09-28-16
CC1AE00010	Install Erosion Control Measures - 154+00 to 164+00 - Military Highway	5	09-29-16	10-05-16
CC1AE02020	Clear & Grub - 164+00 to 178+50 RT - Military Highway	4	09-29-16	10-04-16
CC1AE02030	Clear & Grub - 164+00 to 178+50 LT - Military Highway	2	10-05-16	10-06-16



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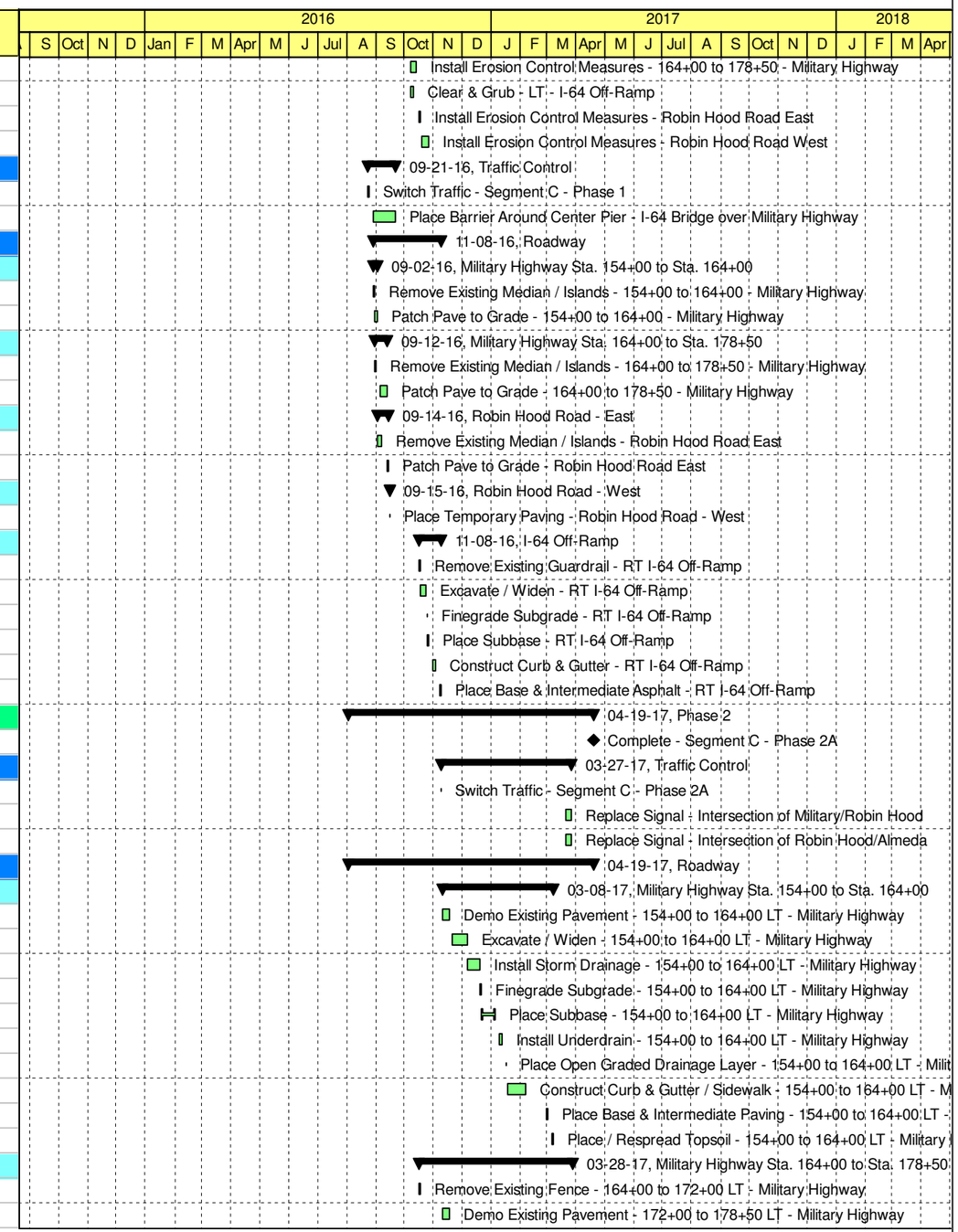
Activity ID	Activity Name	Original Duration	Start	Finish
CC1AE00020	Install Erosion Control Measures - 164+00 to 178+50 - Military Highway	5	10-07-16	10-13-16
CC1AE02040	Clear & Grub - LT - I-64 Off-Ramp	2	10-07-16	10-10-16
CC1AE00030	Install Erosion Control Measures - Robin Hood Road East	2	10-17-16	10-18-16
CC1AE00040	Install Erosion Control Measures - Robin Hood Road West	5	10-19-16	10-26-16
Traffic Control		22	08-23-16	09-21-16
CC1AT00010	Switch Traffic - Segment C - Phase 1	3	08-23-16	08-25-16
CC1AT00100	Place Barrier Around Center Pier - I-64 Bridge over Military Highway	15	08-29-16	09-21-16
Roadway		52	08-29-16	11-08-16
Military Highway Sta. 154+00 to Sta. 164+00		5	08-29-16	09-02-16
CC1ARA0010	Remove Existing Median / Islands - 154+00 to 164+00 - Military Highway	2	08-29-16	08-30-16
CC1ARA0020	Patch Pave to Grade - 154+00 to 164+00 - Military Highway	3	08-31-16	09-02-16
Military Highway Sta. 164+00 to Sta. 178+50		9	08-31-16	09-12-16
CC1ARB0010	Remove Existing Median / Islands - 164+00 to 178+50 - Military Highway	2	08-31-16	09-01-16
CC1ARB0020	Patch Pave to Grade - 164+00 to 178+50 - Military Highway	4	09-06-16	09-12-16
Robin Hood Road - East		9	09-02-16	09-14-16
CC1ARC0010	Remove Existing Median / Islands - Robin Hood Road East	2	09-02-16	09-06-16
CC1ARC0020	Patch Pave to Grade - Robin Hood Road East	2	09-13-16	09-14-16
Robin Hood Road - West		1	09-15-16	09-15-16
CC1ARD0010	Place Temporary Paving - Robin Hood Road - West	1	09-15-16	09-15-16
I-64 Off-Ramp		17	10-17-16	11-08-16
CC1ARE0010	Remove Existing Guardrail - RT I-64 Off-Ramp	1	10-17-16	10-17-16
CC1ARE0020	Excavate / Widen - RT I-64 Off-Ramp	4	10-18-16	10-24-16
CC1ARE0030	Finegrade Subgrade - RT I-64 Off-Ramp	1	10-25-16	10-25-16
CC1ARE0040	Place Subbase - RT I-64 Off-Ramp	2	10-26-16	10-27-16
CC1ARE0050	Construct Curb & Gutter - RT I-64 Off-Ramp	4	10-31-16	11-03-16
CC1ARE0060	Place Base & Intermediate Asphalt - RT I-64 Off-Ramp	1	11-08-16	11-08-16
Phase 2		187	08-02-16	04-19-17
CC2A000000	Complete - Segment C - Phase 2A	0		04-19-17
Traffic Control		99	11-09-16	03-27-17
CC2AT00010	Switch Traffic - Segment C - Phase 2A	1	11-09-16	11-09-16
CC2AT01000	Replace Signal - Intersection of Military/Robin Hood	5	03-21-17	03-27-17
CC2AT01010	Replace Signal - Intersection of Robin Hood/Almeda	5	03-21-17	03-27-17
Roadway		187	08-02-16	04-19-17
Military Highway Sta. 154+00 to Sta. 164+00		85	11-10-16	03-08-17
CC2ARA0010	Demo Existing Pavement - 154+00 to 164+00 LT - Military Highway	4	11-10-16	11-17-16
CC2ARA0020	Excavate / Widen - 154+00 to 164+00 LT - Military Highway	10	11-21-16	12-06-16
CC2ARA0030	Install Storm Drainage - 154+00 to 164+00 LT - Military Highway	7	12-07-16	12-19-16
CC2ARA0040	Finegrade Subgrade - 154+00 to 164+00 LT - Military Highway	2	12-20-16	12-21-16
CC2ARA0050	Place Subbase - 154+00 to 164+00 LT - Military Highway	4	12-22-16	01-05-17
CC2ARA0060	Install Underdrain - 154+00 to 164+00 LT - Military Highway	4	01-09-17	01-12-17
CC2ARA0070	Place Open Graded Drainage Layer - 154+00 to 164+00 LT - Military Highway	1	01-17-17	01-17-17
CC2ARA0080	Construct Curb & Gutter / Sidewalk - 154+00 to 164+00 LT - Military Highway	10	01-18-17	02-06-17
CC2ARA0090	Place Base & Intermediate Paving - 154+00 to 164+00 LT - Military Highway	2	03-01-17	03-02-17
CC2ARA0100	Place / Respread Topsoil - 154+00 to 164+00 LT - Military Highway	3	03-06-17	03-08-17
Military Highway Sta. 164+00 to Sta. 178+50		117	10-17-16	03-28-17
CC2ARB0010	Remove Existing Fence - 164+00 to 172+00 LT - Military Highway	1	10-17-16	10-17-16
CC2ARB1000	Demo Existing Pavement - 172+00 to 178+50 LT - Military Highway	4	11-10-16	11-17-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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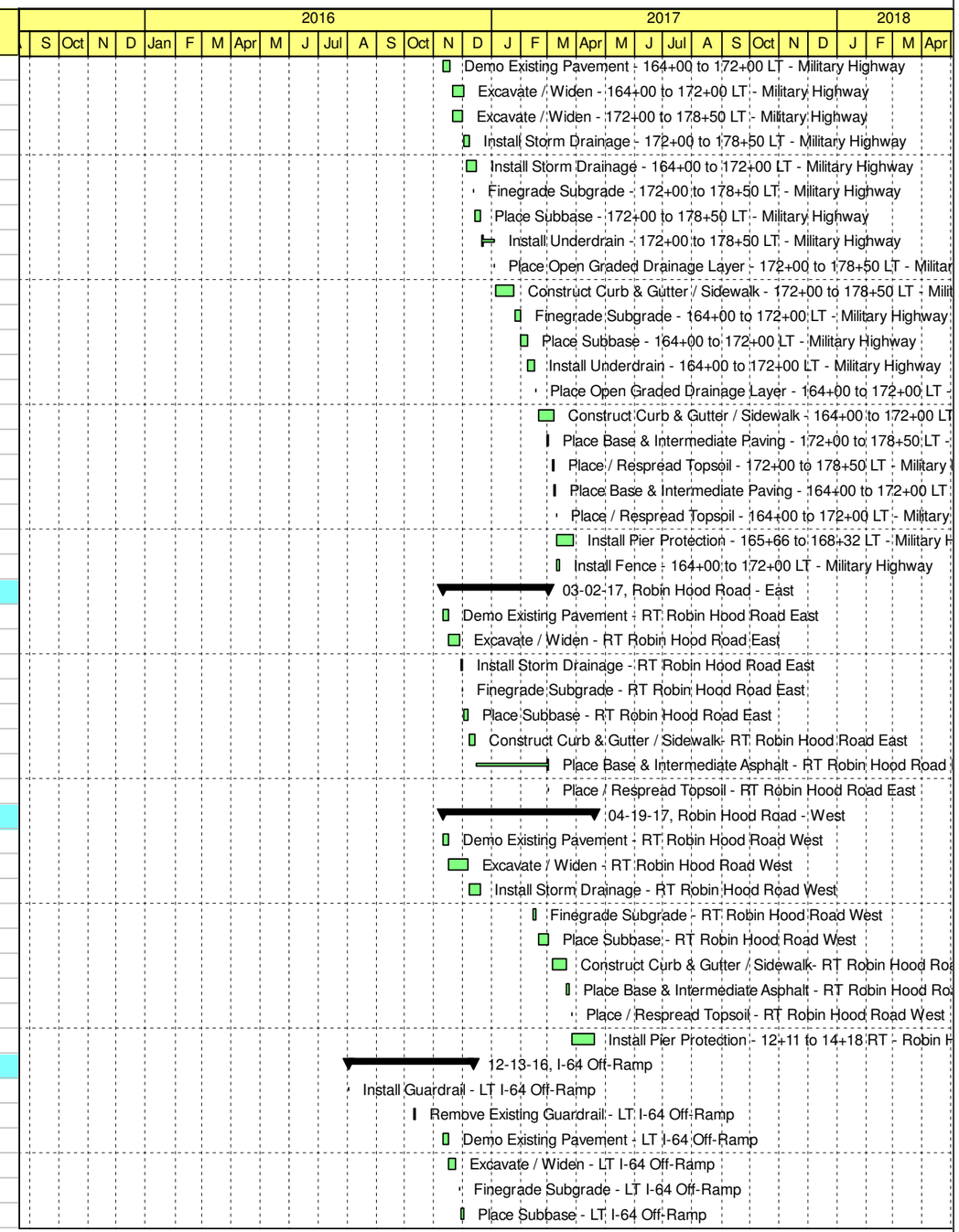
Activity ID	Activity Name	Original Duration	Start	Finish
CC2ARB0020	Demo Existing Pavement - 164+00 to 172+00 LT - Military Highway	4	11-10-16	11-17-16
CC2ARB0030	Excavate / Widen - 164+00 to 172+00 LT - Military Highway	8	11-21-16	12-02-16
CC2ARB1010	Excavate / Widen - 172+00 to 178+50 LT - Military Highway	7	11-21-16	12-01-16
CC2ARB1020	Install Storm Drainage - 172+00 to 178+50 LT - Military Highway	5	12-02-16	12-08-16
CC2ARB0040	Install Storm Drainage - 164+00 to 172+00 LT - Military Highway	8	12-05-16	12-15-16
CC2ARB1030	Finegrade Subgrade - 172+00 to 178+50 LT - Military Highway	2	12-12-16	12-13-16
CC2ARB1040	Place Subbase - 172+00 to 178+50 LT - Military Highway	4	12-14-16	12-20-16
CC2ARB1050	Install Underdrain - 172+00 to 178+50 LT - Military Highway	3	12-21-16	01-03-17
CC2ARB1060	Place Open Graded Drainage Layer - 172+00 to 178+50 LT - Military Highway	1	01-04-17	01-04-17
CC2ARB1070	Construct Curb & Gutter / Sidewalk - 172+00 to 178+50 LT - Military Highway	10	01-05-17	01-24-17
CC2ARB0050	Finegrade Subgrade - 164+00 to 172+00 LT - Military Highway	2	01-26-17	01-31-17
CC2ARB0060	Place Subbase - 164+00 to 172+00 LT - Military Highway	4	02-01-17	02-07-17
CC2ARB0070	Install Underdrain - 164+00 to 172+00 LT - Military Highway	4	02-08-17	02-15-17
CC2ARB0080	Place Open Graded Drainage Layer - 164+00 to 172+00 LT - Military Highway	1	02-16-17	02-16-17
CC2ARB0090	Construct Curb & Gutter / Sidewalk - 164+00 to 172+00 LT - Military Highway	10	02-20-17	03-07-17
CC2ARB1080	Place Base & Intermediate Paving - 172+00 to 178+50 LT - Military Highway	2	03-01-17	03-02-17
CC2ARB1090	Place / Respread Topsoil - 172+00 to 178+50 LT - Military Highway	2	03-06-17	03-07-17
CC2ARB0100	Place Base & Intermediate Paving - 164+00 to 172+00 LT - Military Highway	2	03-08-17	03-09-17
CC2ARB0110	Place / Respread Topsoil - 164+00 to 172+00 LT - Military Highway	1	03-10-17	03-10-17
CC2ARB0120	Install Pier Protection - 165+66 to 168+32 LT - Military Highway	12	03-10-17	03-28-17
CC2ARB0130	Install Fence - 164+00 to 172+00 LT - Military Highway	3	03-10-17	03-14-17
Robin Hood Road - East		81	11-10-16	03-02-17
CC2ARC0010	Demo Existing Pavement - RT Robin Hood Road East	3	11-10-16	11-16-16
CC2ARC0020	Excavate / Widen - RT Robin Hood Road East	5	11-17-16	11-28-16
CC2ARC0030	Install Storm Drainage - RT Robin Hood Road East	2	11-29-16	11-30-16
CC2ARC0040	Finegrade Subgrade - RT Robin Hood Road East	1	12-01-16	12-01-16
CC2ARC0050	Place Subbase - RT Robin Hood Road East	4	12-02-16	12-07-16
CC2ARC0060	Construct Curb & Gutter / Sidewalk- RT Robin Hood Road East	4	12-08-16	12-14-16
CC2ARC0070	Place Base & Intermediate Asphalt - RT Robin Hood Road East	2	12-15-16	03-01-17
CC2ARC0080	Place / Respread Topsoil - RT Robin Hood Road East	1	03-02-17	03-02-17
Robin Hood Road - West		115	11-10-16	04-19-17
CC2ARD0010	Demo Existing Pavement - RT Robin Hood Road West	3	11-10-16	11-16-16
CC2ARD0020	Excavate / Widen - RT Robin Hood Road West	12	11-17-16	12-07-16
CC2ARD0030	Install Storm Drainage - RT Robin Hood Road West	6	12-08-16	12-19-16
CC2ARD0040	Finegrade Subgrade - RT Robin Hood Road West	3	02-14-17	02-16-17
CC2ARD0050	Place Subbase - RT Robin Hood Road West	8	02-20-17	03-02-17
CC2ARD0060	Construct Curb & Gutter / Sidewalk- RT Robin Hood Road West	10	03-06-17	03-20-17
CC2ARD0070	Place Base & Intermediate Asphalt - RT Robin Hood Road West	4	03-21-17	03-24-17
CC2ARD0080	Place / Respread Topsoil - RT Robin Hood Road West	1	03-27-17	03-27-17
CC2ARD0090	Install Pier Protection - 12+11 to 14+18 RT - Robin Hood Road West	15	03-27-17	04-19-17
I-64 Off-Ramp		96	08-02-16	12-13-16
CC2ARE0090	Install Guardrail - LT I-64 Off-Ramp	1	08-02-16	08-02-16
CC2ARE0010	Remove Existing Guardrail - LT I-64 Off-Ramp	1	10-11-16	10-11-16
CC2ARE0020	Demo Existing Pavement - LT I-64 Off-Ramp	3	11-10-16	11-16-16
CC2ARE0030	Excavate / Widen - LT I-64 Off-Ramp	4	11-17-16	11-23-16
CC2ARE0040	Finegrade Subgrade - LT I-64 Off-Ramp	1	11-28-16	11-28-16
CC2ARE0050	Place Subbase - LT I-64 Off-Ramp	4	11-29-16	12-02-16



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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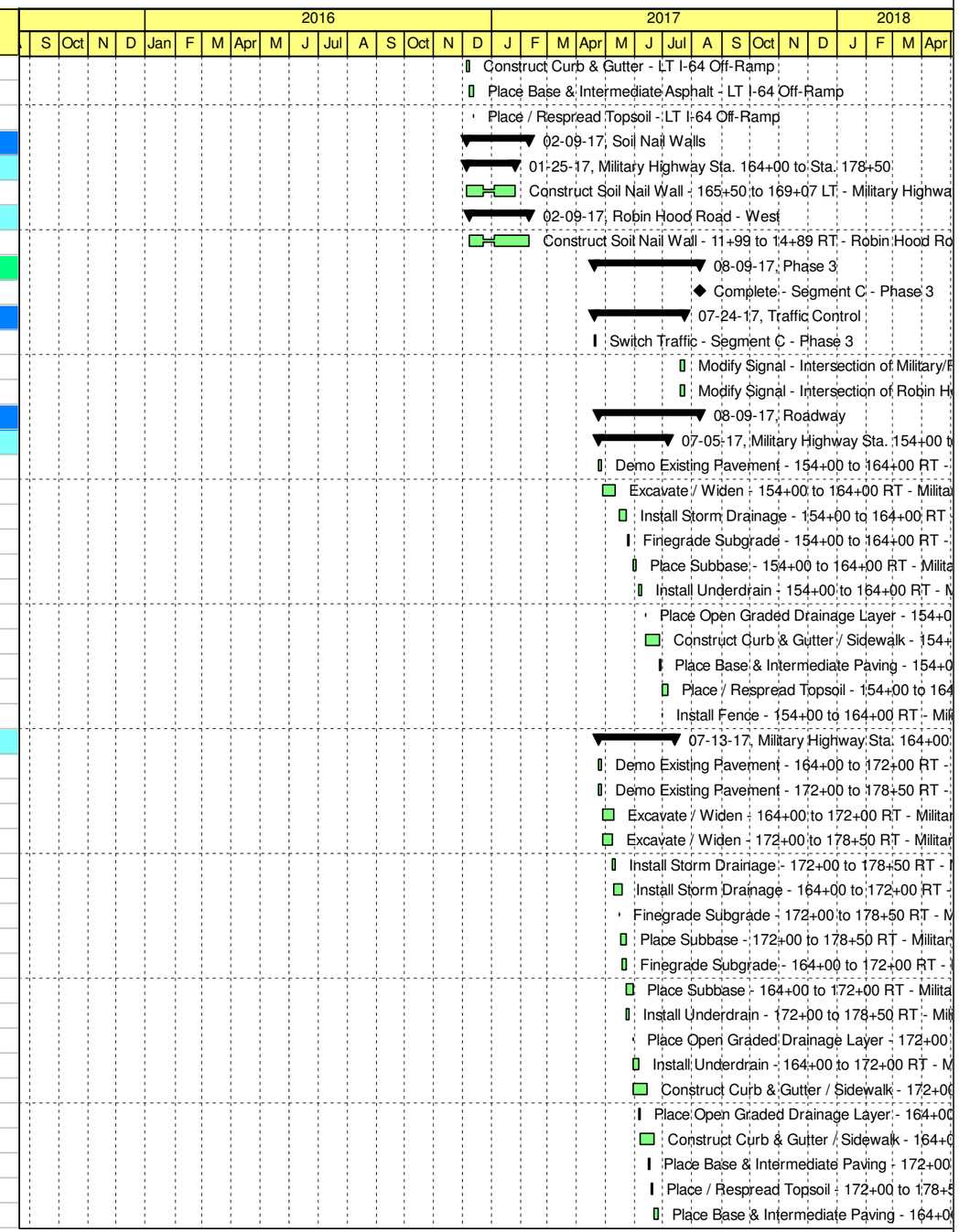
Activity ID	Activity Name	Original Duration	Start	Finish
CC2ARE0060	Construct Curb & Gutter - LT I-64 Off-Ramp	4	12-05-16	12-08-16
CC2ARE0070	Place Base & Intermediate Asphalt - LT I-64 Off-Ramp	2	12-09-16	12-12-16
CC2ARE0080	Place / Respread Topsoil - LT I-64 Off-Ramp	1	12-13-16	12-13-16
Soil Nail Walls		49	12-05-16	02-09-17
Military Highway Sta. 164+00 to Sta. 178+50		38	12-05-16	01-25-17
CC2ASB0010	Construct Soil Nail Wall - 165+50 to 169+07 LT - Military Highway	25	12-05-16	01-25-17
Robin Hood Road - West		46	12-08-16	02-09-17
CC2ASD0010	Construct Soil Nail Wall - 11+99 to 14+89 RT - Robin Hood Road West	30	12-08-16	02-09-17
Phase 3		80	04-20-17	08-09-17
CC3A000000	Complete - Segment C - Phase 3	0		08-09-17
Traffic Control		68	04-20-17	07-24-17
CC3AT00010	Switch Traffic - Segment C - Phase 3	1	04-20-17	04-20-17
CC3AT01000	Modify Signal - Intersection of Military/Robin Hood	3	07-20-17	07-24-17
CC3AT01010	Modify Signal - Intersection of Robin Hood/Almeda	3	07-20-17	07-24-17
Roadway		78	04-24-17	08-09-17
Military Highway Sta. 154+00 to Sta. 164+00		53	04-24-17	07-05-17
CC3ARA0010	Demo Existing Pavement - 154+00 to 164+00 RT - Military Highway	4	04-24-17	04-27-17
CC3ARA0020	Excavate / Widen - 154+00 to 164+00 RT - Military Highway	10	04-28-17	05-11-17
CC3ARA0030	Install Storm Drainage - 154+00 to 164+00 RT - Military Highway	7	05-15-17	05-23-17
CC3ARA0040	Finegrade Subgrade - 154+00 to 164+00 RT - Military Highway	2	05-24-17	05-25-17
CC3ARA0050	Place Subbase - 154+00 to 164+00 RT - Military Highway	4	05-30-17	06-02-17
CC3ARA0060	Install Underdrain - 154+00 to 164+00 RT - Military Highway	4	06-05-17	06-08-17
CC3ARA0070	Place Open Graded Drainage Layer - 154+00 to 164+00 RT - Military Highway	1	06-12-17	06-12-17
CC3ARA0080	Construct Curb & Gutter / Sidewalk - 154+00 to 164+00 RT - Military Highway	10	06-13-17	06-27-17
CC3ARA0090	Place Base & Intermediate Paving - 154+00 to 164+00 RT - Military Highway	2	06-28-17	06-29-17
CC3ARA0100	Place / Respread Topsoil - 154+00 to 164+00 RT - Military Highway	3	06-30-17	07-05-17
CC3ARA0110	Install Fence - 154+00 to 164+00 RT - Military Highway	1	06-30-17	06-30-17
Military Highway Sta. 164+00 to Sta. 178+50		59	04-24-17	07-13-17
CC3ARB0010	Demo Existing Pavement - 164+00 to 172+00 RT - Military Highway	4	04-24-17	04-27-17
CC3ARB1000	Demo Existing Pavement - 172+00 to 178+50 RT - Military Highway	4	04-24-17	04-27-17
CC3ARB0020	Excavate / Widen - 164+00 to 172+00 RT - Military Highway	8	04-28-17	05-09-17
CC3ARB1010	Excavate / Widen - 172+00 to 178+50 RT - Military Highway	7	04-28-17	05-08-17
CC3ARB1020	Install Storm Drainage - 172+00 to 178+50 RT - Military Highway	3	05-09-17	05-11-17
CC3ARB0030	Install Storm Drainage - 164+00 to 172+00 RT - Military Highway	6	05-10-17	05-18-17
CC3ARB1030	Finegrade Subgrade - 172+00 to 178+50 RT - Military Highway	2	05-15-17	05-16-17
CC3ARB1040	Place Subbase - 172+00 to 178+50 RT - Military Highway	4	05-17-17	05-22-17
CC3ARB0040	Finegrade Subgrade - 164+00 to 172+00 RT - Military Highway	2	05-19-17	05-22-17
CC3ARB0050	Place Subbase - 164+00 to 172+00 RT - Military Highway	4	05-23-17	05-30-17
CC3ARB1050	Install Underdrain - 172+00 to 178+50 RT - Military Highway	3	05-23-17	05-25-17
CC3ARB1060	Place Open Graded Drainage Layer - 172+00 to 178+50 RT - Military Highway	1	05-30-17	05-30-17
CC3ARB0060	Install Underdrain - 164+00 to 172+00 RT - Military Highway	4	05-31-17	06-05-17
CC3ARB1070	Construct Curb & Gutter / Sidewalk - 172+00 to 178+50 RT - Military Highway	10	05-31-17	06-14-17
CC3ARB0070	Place Open Graded Drainage Layer - 164+00 to 172+00 RT - Military Highway	1	06-06-17	06-06-17
CC3ARB0080	Construct Curb & Gutter / Sidewalk - 164+00 to 172+00 RT - Military Highway	10	06-07-17	06-21-17
CC3ARB1080	Place Base & Intermediate Paving - 172+00 to 178+50 RT - Military Highway	2	06-15-17	06-16-17
CC3ARB1090	Place / Respread Topsoil - 172+00 to 178+50 RT - Military Highway	1	06-19-17	06-19-17
CC3ARB0090	Place Base & Intermediate Paving - 164+00 to 172+00 RT - Military Highway	2	06-22-17	06-26-17



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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Activity ID	Activity Name	Original Duration	Start	Finish
CC3ARB0100	Place / Respread Topsoil - 164+00 to 172+00 RT - Military Highway	2	06-27-17	06-28-17
CC3ARB0110	Install Pier Protection - 163+97 to 167+03 RT - Military Highway	12	06-27-17	07-13-17
Robin Hood Road - East		24	04-24-17	05-25-17
CC3ARC0010	Demo Existing Pavement - LT Robin Hood Road East	3	04-24-17	04-26-17
CC3ARC0020	Excavate / Widen - LT Robin Hood Road East	5	04-27-17	05-03-17
CC3ARC0030	Install Storm Drainage - LT Robin Hood Road East	3	05-04-17	05-08-17
CC3ARC0040	Finegrade Subgrade - LT Robin Hood Road East	1	05-09-17	05-09-17
CC3ARC0050	Place Subbase - LT Robin Hood Road East	4	05-10-17	05-16-17
CC3ARC0060	Construct Curb & Gutter / Sidewalk- LT Robin Hood Road East	4	05-17-17	05-22-17
CC3ARC0070	Place Base & Intermediate Asphalt - LT Robin Hood Road East	2	05-23-17	05-24-17
CC3ARC0080	Place / Respread Topsoil - LT Robin Hood Road East	1	05-25-17	05-25-17
Robin Hood Road - West		78	04-24-17	08-09-17
CC3ARD0010	Demo Existing Pavement - LT Robin Hood Road West	3	04-24-17	04-26-17
CC3ARD0020	Excavate / Widen - LT Robin Hood Road West	12	04-27-17	05-15-17
CC3ARD0030	Install Storm Drainage - LT Robin Hood Road West	4	05-16-17	05-19-17
CC3ARD0040	Finegrade Subgrade - LT Robin Hood Road West	3	06-16-17	06-20-17
CC3ARD0050	Place Subbase - LT Robin Hood Road West	8	06-21-17	07-03-17
CC3ARD0060	Construct Curb & Gutter / Sidewalk- LT Robin Hood Road West	10	07-05-17	07-19-17
CC3ARD0070	Place Base & Intermediate Asphalt - LT Robin Hood Road West	4	07-20-17	07-25-17
CC3ARD0080	Place / Respread Topsoil - LT Robin Hood Road West	1	07-26-17	07-26-17
CC3ARD0090	Install Pier Protection - 12+32 to 14+04 LT - Robin Hood Road West	10	07-26-17	08-09-17
CC3ARD0100	Install Fence - LT Robin Hood Road West	3	07-26-17	07-31-17
I-64 Off-Ramp		12	04-24-17	05-09-17
CC3ARE0010	Demo Existing Pavement - Remainder I-64 Off-Ramp	2	04-24-17	04-25-17
CC3ARE0020	Excavate / Widen - Remainder I-64 Off-Ramp	3	04-26-17	04-28-17
CC3ARE0030	Finegrade Subgrade - Remainder I-64 Off-Ramp	1	05-01-17	05-01-17
CC3ARE0040	Place Subbase - Remainder I-64 Off-Ramp	4	05-02-17	05-05-17
CC3ARE0060	Place Base & Intermediate Asphalt - Remainder I-64 Off-Ramp	2	05-08-17	05-09-17
Soil Nail Walls		23	05-16-17	06-15-17
Robin Hood Road - West		23	05-16-17	06-15-17
CC3ASD0010	Construct Soil Nail Wall - 11+90 to 14+31 LT - Robin Hood Road West	20	05-16-17	06-15-17
Phase 4A		43	08-10-17	10-09-17
CC4A000000	Complete - Segment C - Phase 4A	0		10-09-17
Traffic Control		25	08-10-17	09-13-17
CC4AT00010	Switch Traffic - Segment C - Phase 4A	1	08-10-17	08-10-17
CC4AT01000	Modify Signal - Intersection of Military/Robin Hood	3	08-14-17	08-16-17
CC4AT01010	Install Signal - Intersection of Military/I-64 Off-Ramp	20	08-14-17	09-13-17
Roadway		41	08-14-17	10-09-17
Military Highway Sta. 154+00 to Sta. 164+00		33	08-14-17	09-27-17
CC4ARA0010	Demo Existing Pavement - 154+00 to 164+00 Median - Military Highway	4	08-14-17	08-17-17
CC4ARA0020	Excavate / Widen - 154+00 to 164+00 Median - Military Highway	5	08-18-17	08-24-17
CC4ARA0030	Finegrade Subgrade - 154+00 to 164+00 Median - Military Highway	1	08-28-17	08-28-17
CC4ARA0040	Place Subbase - 154+00 to 164+00 Median - Military Highway	4	08-29-17	09-01-17
CC4ARA0050	Place Open Graded Drainage Layer - 154+00 to 164+00 Median - Military Highway	1	09-05-17	09-05-17
CC4ARA0060	Place Base & Intermediate Paving - 154+00 to 164+00 Median - Military Highway	2	09-06-17	09-07-17
CC4ARA0070	Construct Median - 154+00 to 164+00 - Military Highway	10	09-11-17	09-25-17
CC4ARA0080	Place / Respread Topsoil - 154+00 to 164+00 Median - Military Highway	2	09-26-17	09-27-17

Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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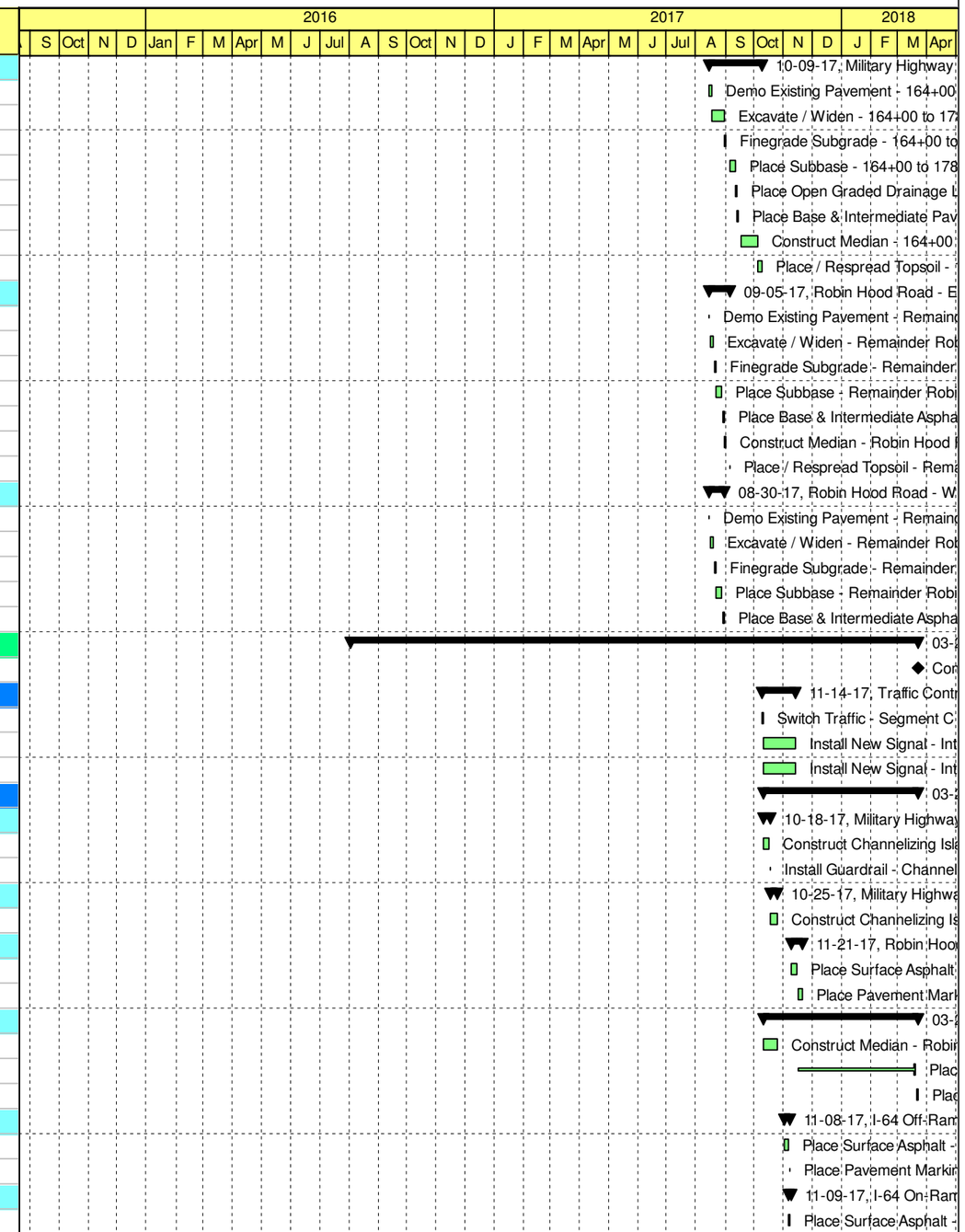
Activity ID	Activity Name	Original Duration	Start	Finish
Military Highway Sta. 164+00 to Sta. 178+50		41	08-14-17	10-09-17
CC4ARB0010	Demo Existing Pavement - 164+00 to 178+50 Median - Military Highway	4	08-14-17	08-17-17
CC4ARB0020	Excavate / Widen - 164+00 to 178+50 Median - Military Highway	8	08-18-17	08-30-17
CC4ARB0030	Finegrade Subgrade - 164+00 to 178+50 Median - Military Highway	2	08-31-17	09-01-17
CC4ARB0040	Place Subbase - 164+00 to 178+50 Median - Military Highway	4	09-05-17	09-11-17
CC4ARB0050	Place Open Graded Drainage Layer - 164+00 to 178+50 Median - Military Highway	1	09-12-17	09-12-17
CC4ARB0060	Place Base & Intermediate Paving - 164+00 to 178+50 Median - Military Highway	2	09-13-17	09-14-17
CC4ARB0070	Construct Median - 164+00 to 178+50 - Military Highway	12	09-18-17	10-04-17
CC4ARB0080	Place / Respread Topsoil - 164+00 to 178+50 Median - Military Highway	2	10-05-17	10-09-17
Robin Hood Road - East		17	08-14-17	09-05-17
CC4ARC0010	Demo Existing Pavement - Remainder Robin Hood Road East	2	08-14-17	08-15-17
CC4ARC0020	Excavate / Widen - Remainder Robin Hood Road East	3	08-16-17	08-18-17
CC4ARC0030	Finegrade Subgrade - Remainder Robin Hood Road East	1	08-21-17	08-21-17
CC4ARC0040	Place Subbase - Remainder Robin Hood Road East	4	08-22-17	08-28-17
CC4ARC0050	Place Base & Intermediate Asphalt - Remainder Robin Hood Road East	2	08-29-17	08-30-17
CC4ARC0060	Construct Median - Robin Hood Road East	2	08-31-17	09-01-17
CC4ARC0070	Place / Respread Topsoil - Remainder Robin Hood Road East	1	09-05-17	09-05-17
Robin Hood Road - West		13	08-14-17	08-30-17
CC4ARD0010	Demo Existing Pavement - Remainder Robin Hood Road West	2	08-14-17	08-15-17
CC4ARD0020	Excavate / Widen - Remainder Robin Hood Road West	3	08-16-17	08-18-17
CC4ARD0030	Finegrade Subgrade - Remainder Robin Hood Road West	1	08-21-17	08-21-17
CC4ARD0040	Place Subbase - Remainder Robin Hood Road West	4	08-22-17	08-28-17
CC4ARD0050	Place Base & Intermediate Asphalt - Remainder Robin Hood Road West	2	08-29-17	08-30-17
Phase 4B		429	08-02-16	03-23-18
CC4B000000	Complete - Segment C - Phase 4B	0		03-23-18
Traffic Control		26	10-10-17	11-14-17
CC4BT00010	Switch Traffic - Segment C - Phase 4B	1	10-10-17	10-10-17
CC4BT01000	Install New Signal - Intersection of Military/Robin Hood	20	10-11-17	11-14-17
CC4BT01010	Install New Signal - Intersection of Robin Hood/Almeda	20	10-11-17	11-14-17
Roadway		118	10-11-17	03-23-18
Military Highway Sta. 154+00 to Sta. 164+00		6	10-11-17	10-18-17
CC4BRA0010	Construct Channelizing Islands - 154+00 to 164+00 - Military Highway	5	10-11-17	10-17-17
CC4BRA0020	Install Guardrail - Channelizing Islands - 154+00 to 164+00 - Military Highway	1	10-18-17	10-18-17
Military Highway Sta. 164+00 to Sta. 178+50		6	10-18-17	10-25-17
CC4BRB0010	Construct Channelizing Islands - 164+00 to 178+50 - Military Highway	5	10-18-17	10-25-17
Robin Hood Road - East		9	11-09-17	11-21-17
CC4BRC0010	Place Surface Asphalt - Robin Hood Road - East	3	11-09-17	11-15-17
CC4BRC0020	Place Pavement Markings - Robin Hood Road - East	2	11-16-17	11-21-17
Robin Hood Road - West		118	10-11-17	03-23-18
CC4BRD0010	Construct Median - Robin Hood Road - West	10	10-11-17	10-25-17
CC4BRD0100	Place Surface Asphalt - Robin Hood Road - West	3	11-16-17	03-20-18
CC4BRD0110	Place Pavement Markings - Robin Hood Road - West	3	03-21-18	03-23-18
I-64 Off-Ramp		5	11-02-17	11-08-17
CC4BRE0010	Place Surface Asphalt - I-64 Off-Ramp	2	11-02-17	11-06-17
CC4BRE0020	Place Pavement Markings - I-64 Off-Ramp	1	11-08-17	11-08-17
I-64 On-Ramp		3	11-07-17	11-09-17
CC4BRF0010	Place Surface Asphalt - I-64 On-Ramp	2	11-07-17	11-08-17



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
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TASK filter: All Activities

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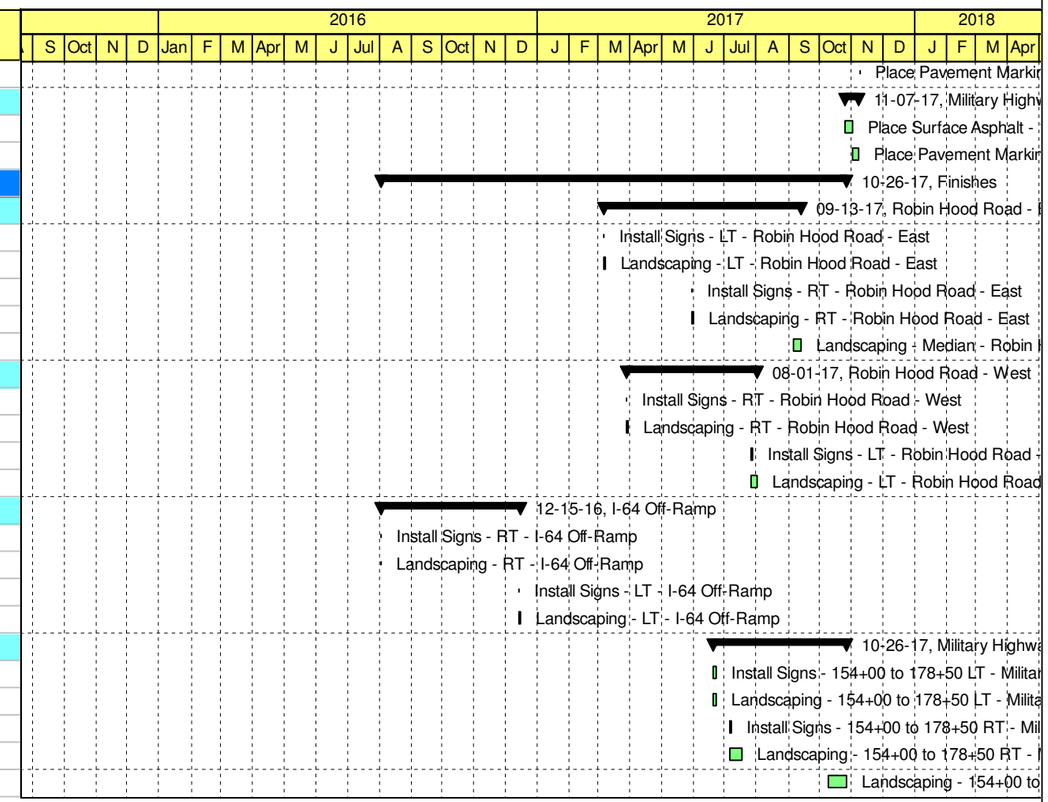
Activity ID	Activity Name	Original Duration	Start	Finish
CC4BRF0020	Place Pavement Markings - I-64 On-Ramp	1	11-09-17	11-09-17
Military Highway - Entire Segment		9	10-26-17	11-07-17
CC4BRZ0010	Place Surface Asphalt - 154+00 to 178+50 - Military Highway	4	10-26-17	11-01-17
CC4BRZ0020	Place Pavement Markings - 154+00 to 178+50 - Military Highway	3	11-02-17	11-07-17
Finishes		323	08-02-16	10-26-17
Robin Hood Road - East		138	03-06-17	09-13-17
CC4BFC0100	Install Signs - LT - Robin Hood Road - East	1	03-06-17	03-06-17
CC4BFC0110	Landscaping - LT - Robin Hood Road - East	3	03-06-17	03-08-17
CC4BFC0000	Install Signs - RT - Robin Hood Road - East	1	05-30-17	05-30-17
CC4BFC0010	Landscaping - RT - Robin Hood Road - East	2	05-30-17	05-31-17
CC4BFC0200	Landscaping - Median - Robin Hood Road - East	5	09-06-17	09-13-17
Robin Hood Road - West		91	03-28-17	08-01-17
CC4BFD0000	Install Signs - RT - Robin Hood Road - West	1	03-28-17	03-28-17
CC4BFD0010	Landscaping - RT - Robin Hood Road - West	2	03-28-17	03-29-17
CC4BFD0100	Install Signs - LT - Robin Hood Road - West	1	07-27-17	07-27-17
CC4BFD0110	Landscaping - LT - Robin Hood Road - West	3	07-27-17	08-01-17
I-64 Off-Ramp		98	08-02-16	12-15-16
CC4BFE0000	Install Signs - RT - I-64 Off-Ramp	1	08-02-16	08-02-16
CC4BFE0010	Landscaping - RT - I-64 Off-Ramp	2	08-02-16	08-03-16
CC4BFE0100	Install Signs - LT - I-64 Off-Ramp	1	12-14-16	12-14-16
CC4BFE0110	Landscaping - LT - I-64 Off-Ramp	2	12-14-16	12-15-16
Military Highway - Entire Segment		93	06-20-17	10-26-17
CC4BFZ0100	Install Signs - 154+00 to 178+50 LT - Military Highway	3	06-20-17	06-22-17
CC4BFZ0110	Landscaping - 154+00 to 178+50 LT - Military Highway	3	06-20-17	06-22-17
CC4BFZ0000	Install Signs - 154+00 to 178+50 RT - Military Highway	2	07-06-17	07-07-17
CC4BFZ0010	Landscaping - 154+00 to 178+50 RT - Military Highway	7	07-06-17	07-17-17
CC4BFZ0200	Landscaping - 154+00 to 178+50 Median - Military Highway	12	10-10-17	10-26-17



Remaining Level of Effort | Actual Work | Critical Remaining Work | Summary
Actual Level of Effort | Remaining Work | Milestone

TASK filter: All Activities

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