PROJECT MANAGER BY Jeff Daily PE,NOVA L&D (703) 583-2205
SURVEYED BY Rice & Assoc./Burgess & Niple,Inc.
DESIGNED SUPERVISED BY Peter Bonacci of HNTB (703) 624-500
DESIGNED BY HNTB Corporation

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

REVISION	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
	3	VA		66	0066-96A-113, PE101	2

SIGN LEGEND (30"X24" BLACK ON ORANGE)

1. TRAIL CLOSED USE DETOUR ←
2. TRAIL CLOSED USE DETOUR →
3. TRAIL DETOUR →
4. TRAIL DETOUR ←
5. TRAIL DETOUR ↑
6. ↝

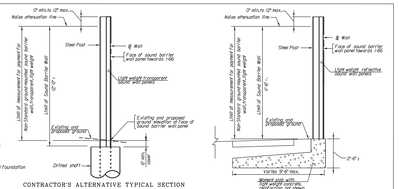
View along trail section

Notes
- Existing WSE Wall mounted metal sound barrier wall to remain

SECTION E-3

View along trail section

Notes
- Construction activity occurs along the trail (parking deck limits overhead clearance)
- Construction from I-66 is available at east end of wall
- Contractor may choose to utilize drilled shafts as alternative sound wall foundation
- Existing R/W is not on issue
- Detour on 15th St
- Concerns has mitigated by transparent soundwall panels
- Provide access doors, as required
- For moment slab option, Finished trail to be 14'-0" wide



CONTRACTOR'S ALTERNATIVE TYPICAL SECTION

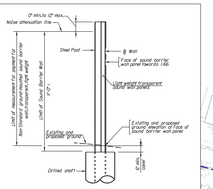
PROPOSED TYPICAL SECTION
Not to Scale

SECTION 6

View along trail section

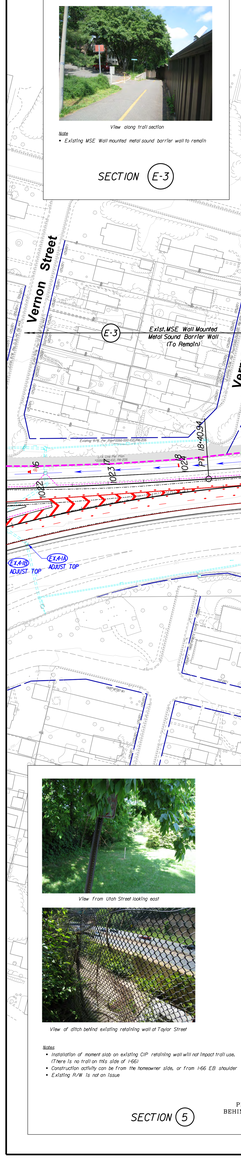
View along trail section

Notes
- Existing R/W is not on issue
- For western portion, trail detour allows contractor access from I-66 or trail.
- For remainder of trail east of detour re-entry point, contractor has access from I-66 and should not disturb trail.



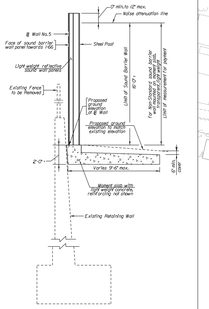
PROPOSED TYPICAL SECTION
Not to Scale

SECTION 8-1



View from Utah Street looking east

View of ditch behind existing retaining wall at Taylor Street



Notes
- Installation of moment slab on existing CIP retaining wall will not impact trail use. (There is no trail on this side of I-66)
- Construction activity can be from the homeowner side, or from I-66 EB shoulder
- Existing R/W is not on issue

SECTION 5

PROPOSED SOUND BARRIER WALLS BEHIND THE EXISTING RETAINING WALLS
Not to Scale

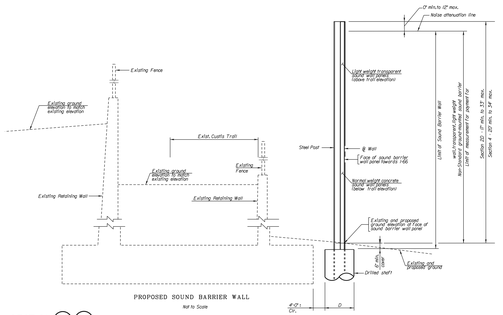
View along trail section

View along trail section

View along trail section

SECTIONS 2D AND 4

Notes
- Construction activity is from I-66 shoulder
- Trail use is not impacted
- Existing R/W is not an issue
- Provide access doors, as required



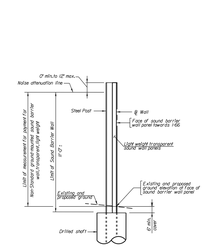
PROPOSED SOUND BARRIER WALL
Not to Scale

SECTION 2D 4

View along trail section

View along trail section

Notes
- Installation of drilled shafts will not impact trail use
- Centerline of post and panel soundwall is approximately 10'-0" from existing R/W
- If construction from south side, existing sloped ground will need to be benched to allow for equipment access.
- If construction from north side, contractor must remain within R/W



PROPOSED TYPICAL SECTION
Not to Scale

SECTION 8-2

LEGEND

- Existing R/W
- Proposed Sound Barrier Wall
- Existing Sound Barrier Wall
- Trail detour during sound barrier wall construction
- Trail Detour Signage
- Existing Custis Trail
- Temporary Detour Trail (10' Wide)
- Existing Pedestrian Crosswalk
- Zone of tree and shrub loss due to Soundwall Installation

SCALE 0 50' 100'

VDOT COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION

I-66 SPOT IMPROVEMENTS

I-66 SOUNDWALL LOCATIONS

HNTB HNTB CORPORATION ARCHITECTS ENGINEERS & PLANNERS ARLINGTON, VIRGINIA

STATE	PROJECT		SHEET
VA	September, 2013		
	0066-96A-113	FILE NO.	2