

**CURVE 175-1**  
 P.I. STA. 744+12.19  
 Ls = 450.00'  
 Δ = 48° 31' 51" (RT)  
 f<sub>s</sub> = 4° 30' 00"  
 LT = 300.10'  
 ST = 150.09'  
 x = 449.72'  
 y = 11.78'  
 k = 224.95'  
 p = 2.94'

**CURVE 175-2**  
 P.I. Sta. 758+53.52  
 Δ = 48° 31' 51" (RT)  
 Dc = 2° 00' 00"  
 R = 2,864.79'  
 T = 1,291.42'  
 L = 2,426.55'  
 C = 2,354.66'  
 C.B. = N 21° 41' 55" E  
 e<sub>d</sub> = 0.055

**CURVE 175N-1**  
 P.I. STA. 744+26.71  
 Ls = 400.00'  
 Δ = 4° 04' 00"  
 LT = 266.74'  
 ST = 133.40'  
 x = 399.80'  
 y = 9.46'  
 k = 199.97'  
 p = 2.37'

**CURVE 175N-2**  
 P.I. Sta. 757+73.42  
 Δ = 53° 20' 09" (RT)  
 Dc = 2° 02' 00"  
 H = 2,817.83'  
 Δc = 49° 16' 09" (RT)  
 Lc = 2,423.08'  
 Es = 336.76'  
 C = 2,349.11'  
 C.B.1 = N 5° 42' 41" W  
 C.B. = N 21° 38' 04" E  
 e<sub>d</sub> = 0.055

**LEGEND**

SEE ADJACENT SHEET

**- EXISTING / OR REPLACE**  
**- REMOVE**  
**- INSTALL**

NOTE:  
 NO WORK IS TO BE DONE OUTSIDE OF THE R/W OR WITHIN AURAND RUN BEGIN WORK TO STA. 755+00.

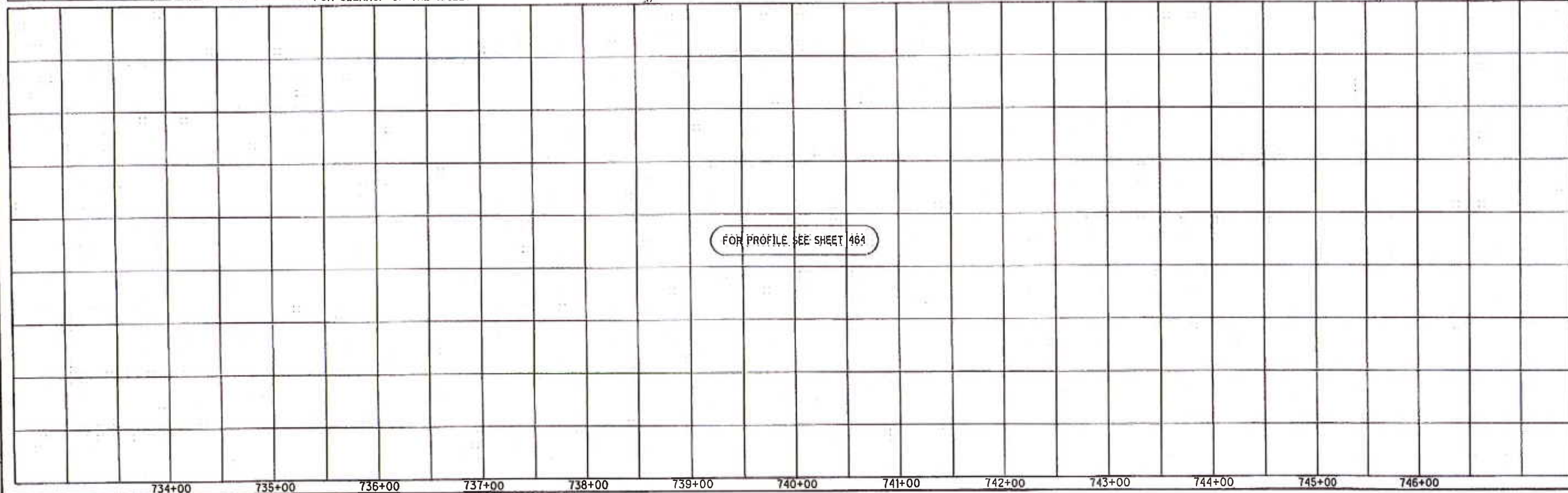
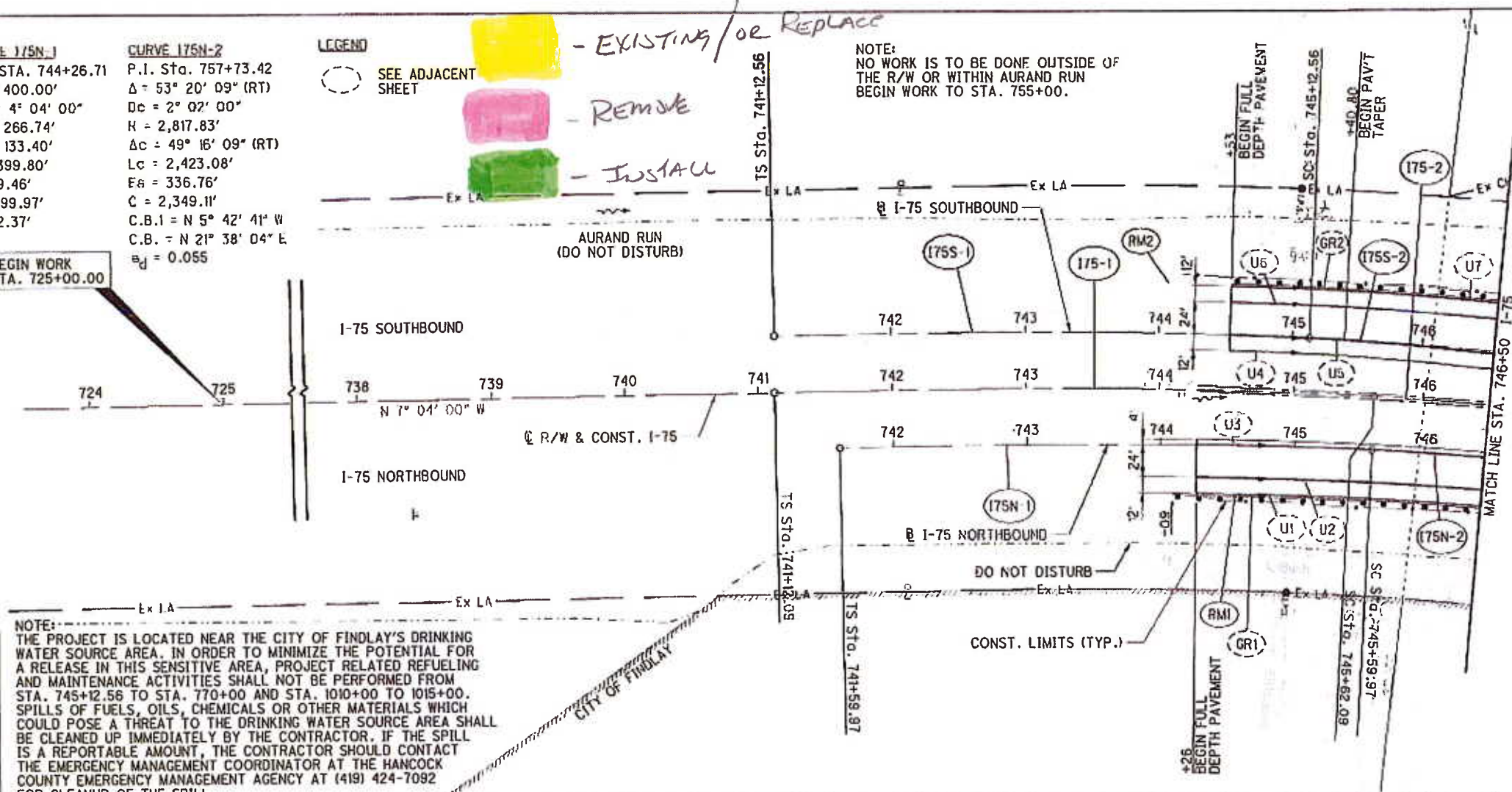
**CURVE 175S-1**  
 P.I. STA. 743+79.29  
 Ls = 400.00'  
 f<sub>s</sub> = 3° 56' 00"  
 LT = 266.73'  
 ST = 133.39'  
 x = 399.81'  
 y = 9.15'  
 k = 199.97'  
 p = 2.29'

**CURVE 175S-2**  
 P.I. Sta. 757+64.33  
 Δ = 53° 01' 51" (RT)  
 Dc = 1° 58' 00"  
 R = 2,913.34'  
 Δc = 49° 05' 51" (RT)  
 Lc = 2,496.49'  
 Es = 343.75'  
 C = 2,420.80'  
 C.B.1 = N 5° 45' 21" W  
 C.B. = N 21° 24' 55" E  
 e<sub>d</sub> = 0.055

BEGIN WORK STA. 725+00.00

NOTE:  
 THE PROJECT IS LOCATED NEAR THE CITY OF FINDLAY'S DRINKING WATER SOURCE AREA. IN ORDER TO MINIMIZE THE POTENTIAL FOR A RELEASE IN THIS SENSITIVE AREA, PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL NOT BE PERFORMED FROM STA. 745+12.56 TO STA. 770+00 AND STA. 1010+00 TO 1015+00. SPILLS OF FUELS, OILS, CHEMICALS OR OTHER MATERIALS WHICH COULD POSE A THREAT TO THE DRINKING WATER SOURCE AREA SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. IF THE SPILL IS A REPORTABLE AMOUNT, THE CONTRACTOR SHOULD CONTACT THE EMERGENCY MANAGEMENT COORDINATOR AT THE HANCOCK COUNTY EMERGENCY MANAGEMENT AGENCY AT (419) 424-7092 FOR CLEANUP OF THE SPILL.

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	PAV'T DETAILS		
		423	UNDERDRAIN SUB-SUMMARY
		467	ESTIMATED QUANTITIES



HAN-75-14.39  
 PLAN AND PROFILE - I-75  
 BEGIN FULL DEPTH PAVEMENT TO STA. 746+50  
 463  
 2034

T:\Projects\HAN\B7005\roadway\sheet\B7005GP001.dgn 21-AUG-2014 2:07 AM redddn

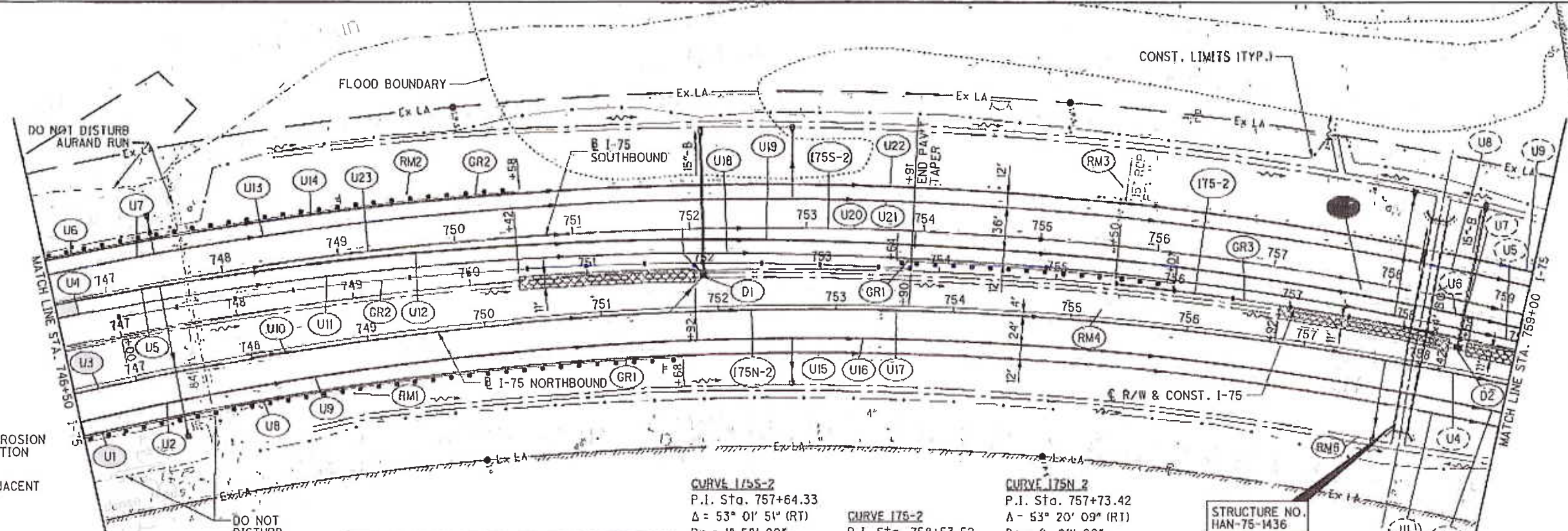


SCALE IN FEET  
 HORIZONTAL  
 CHECKED  
 ABS

PLAN AND PROFILE - I-75  
 STA. 746+50 TO STA. 759+00

HAN-75-14.39

465  
 2034



**LEGEND**  
 DITCH EROSION PROTECTION  
 SEE ADJACENT SHEET

**NOTE:**  
 THE PROJECT IS LOCATED NEAR THE CITY OF FINDLAY'S DRINKING WATER SOURCE AREA. IN ORDER TO MINIMIZE THE POTENTIAL FOR A RELEASE IN THIS SENSITIVE AREA, PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL NOT BE PERFORMED FROM STA. 745+12.56 TO STA. 770+00 AND STA. 1010+00 TO 1015+00. SPILLS OF FUELS, OILS, CHEMICALS OR OTHER MATERIALS WHICH COULD POSE A THREAT TO THE DRINKING WATER SOURCE AREA SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. IF THE SPILL IS A REPORTABLE AMOUNT, THE CONTRACTOR SHOULD CONTACT THE EMERGENCY MANAGEMENT COORDINATOR AT THE HANCOCK COUNTY EMERGENCY MANAGEMENT AGENCY AT (419) 424-7092 FOR CLEANUP OF THE SPILL.

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	PAV'T DETAIL		
		423	UNDERDRAIN SUB-SUMMARY
		467	ESTIMATED QUANTITIES

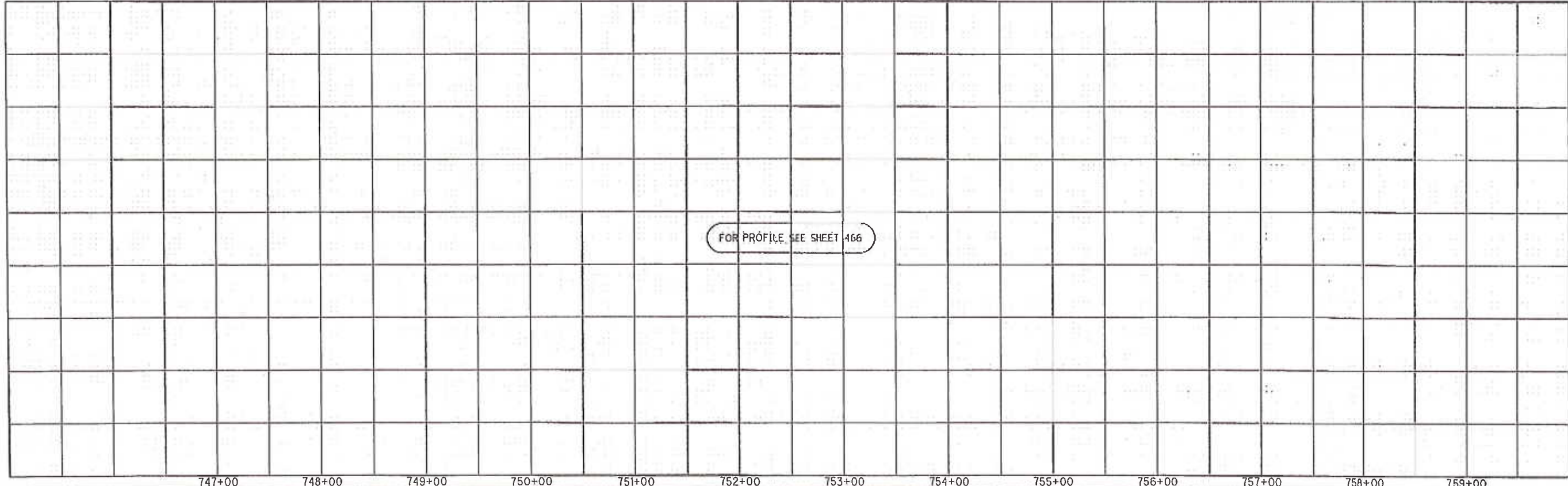
**CURVE 175S-2**  
 P.I. Sta. 757+64.33  
 $\Delta = 53^\circ 01' 51''$  (RT)  
 $Dc = 1^\circ 58' 00''$   
 $R = 2,913.34'$   
 $\Delta c = 49^\circ 05' 51''$  (RT)  
 $Lc = 2,496.49'$   
 $Es = 343.75'$   
 $C = 2,420.80'$   
 C.B.1 = N  $5^\circ 45' 21''$  W  
 C.B. = N  $21^\circ 24' 55''$  E  
 $e_p = 0.055$

**CURVE 175-2**  
 P.I. Sta. 758+53.52  
 $\Delta = 48^\circ 31' 51''$  (RT)  
 $Dc = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 1,291.42'$   
 $L = 2,426.55'$   
 $E = 277.63'$   
 $C = 2,354.66'$   
 C.B. = N  $21^\circ 41' 55''$  E  
 $e_p = 0.055$

**CURVE 175N-2**  
 P.I. Sta. 757+73.42  
 $\Delta = 53^\circ 20' 09''$  (RT)  
 $Dc = 2^\circ 02' 00''$   
 $R = 2,817.83'$   
 $\Delta c = 49^\circ 16' 09''$  (RT)  
 $Lc = 2,423.08'$   
 $Es = 336.76'$   
 $C = 2,349.11'$   
 C.B.1 = N  $5^\circ 42' 41''$  W  
 C.B. = N  $21^\circ 38' 04''$  E  
 $e_p = 0.055$

STRUCTURE NO.  
 HAN-75-1436

**NOTE:**  
 NO WORK IS TO BE DONE OUTSIDE OF THE R/W OR WITHIN AURAND RUN BEGIN WORK TO STA. 755+00.



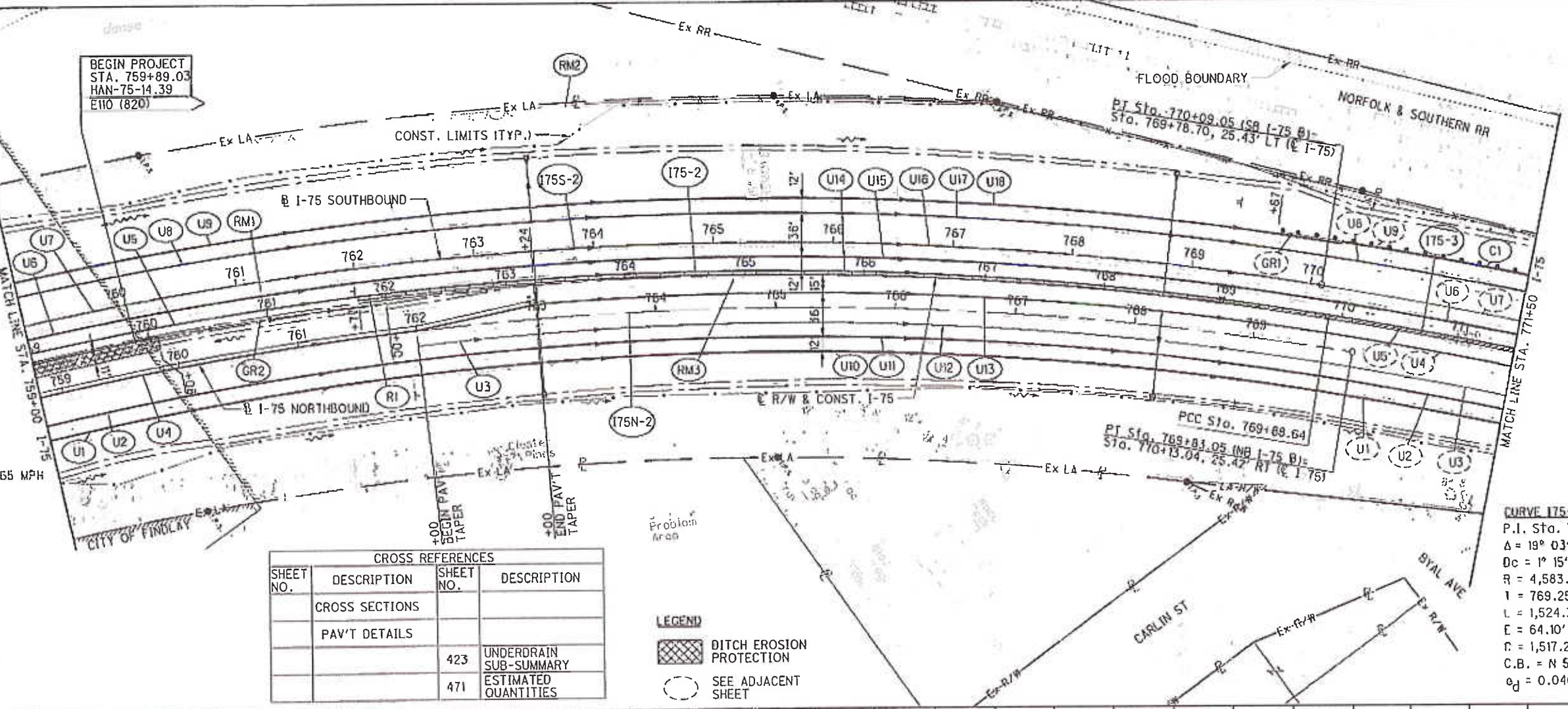
T:\Projects\HAN\B7005 Roadway\sheet\B7005GP002.dgn 21-AUG-2014 2:07AM redderj

**CURVE I75S-2**  
 P.I. Sta. 757+64.33  
 $\Delta = 53^\circ 01' 51''$  (RT)  
 $Dc = 1^\circ 58' 00''$   
 $R = 2,913.34'$   
 $\Delta c = 49^\circ 05' 51''$  (RT)  
 $Lc = 2,496.49'$   
 $Es = 343.75'$   
 $C = 2,420.80'$   
 $C.B.1 = N 5^\circ 45' 21'' W$   
 $C.B. = N 21^\circ 24' 55'' E$   
 $e_d = 0.055$

**CURVE I75-2**  
 P.I. Sta. 758+53.52  
 $\Delta = 48^\circ 31' 51''$  (RT)  
 $Dc = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $L = 1,291.42'$   
 $E = 2,426.55'$   
 $C = 2,354.66'$   
 $C.B. = N 21^\circ 41' 55'' E$   
 $e_d = 0.055$   
 $SSD = 646'$  (730' MIN)  
 ACTUAL DESIGN SPEED 65 MPH

**CURVE I75N-2**  
 P.I. Sta. 757+73.42  
 $\Delta = 53^\circ 20' 09''$  (RT)  
 $Dc = 2^\circ 02' 00''$   
 $R = 2,817.83'$   
 $\Delta c = 49^\circ 16' 09''$  (RT)  
 $Lc = 2,423.08'$   
 $Es = 336.76'$   
 $C = 2,349.11'$   
 $C.B.1 = N 5^\circ 42' 41'' W$   
 $C.B. = N 21^\circ 38' 04'' E$   
 $e_d = 0.055$

**CURVE I75-3**  
 P.I. Sta. 777+57.89  
 $\Delta = 19^\circ 03' 13''$  (RT)  
 $Dc = 1^\circ 15' 00''$   
 $R = 4,583.66'$   
 $L = 769.25'$   
 $E = 1,524.30'$   
 $C = 64.10'$   
 $r = 1,517.29'$   
 $C.B. = N 55^\circ 29' 28'' E$   
 $e_d = 0.040$

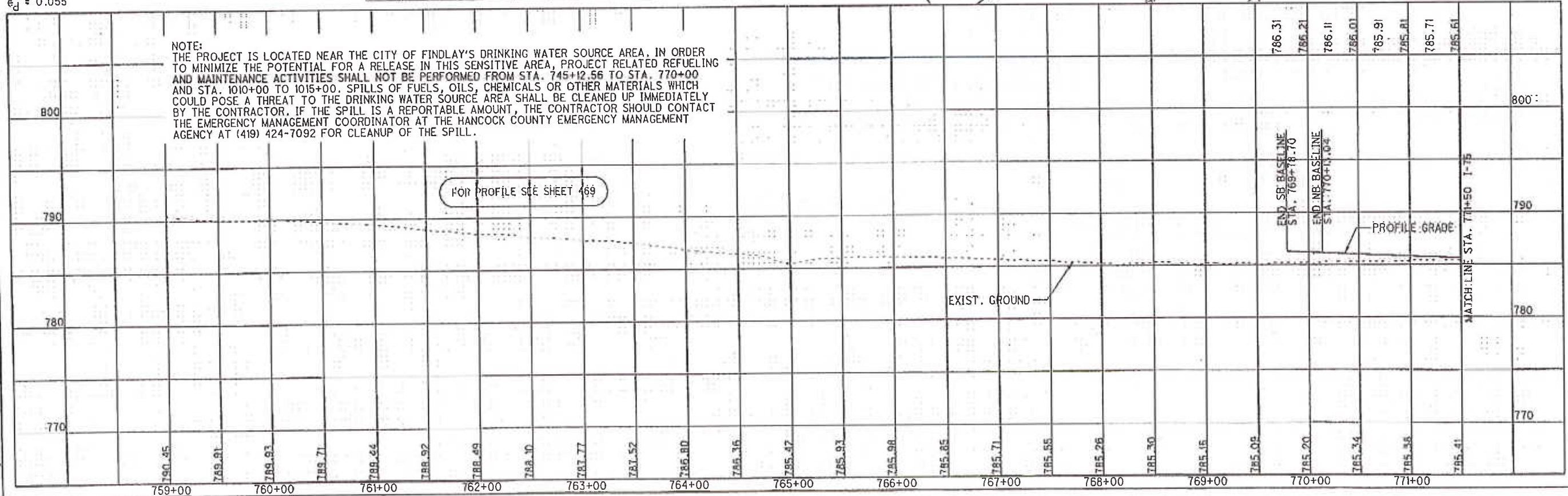


CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	PAV'T DETAILS		
		423	UNDERDRAIN SUB-SUMMARY
		471	ESTIMATED QUANTITIES

**LEGEND**  
 DITCH EROSION PROTECTION  
 SEE ADJACENT SHEET

NOTE:  
 THE PROJECT IS LOCATED NEAR THE CITY OF FINDLAY'S DRINKING WATER SOURCE AREA. IN ORDER TO MINIMIZE THE POTENTIAL FOR A RELEASE IN THIS SENSITIVE AREA, PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL NOT BE PERFORMED FROM STA. 745+12.56 TO STA. 770+00 AND STA. 1010+00 TO 1015+00. SPILLS OF FUELS, OILS, CHEMICALS OR OTHER MATERIALS WHICH COULD POSE A THREAT TO THE DRINKING WATER SOURCE AREA SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. IF THE SPILL IS A REPORTABLE AMOUNT, THE CONTRACTOR SHOULD CONTACT THE EMERGENCY MANAGEMENT COORDINATOR AT THE HANCOCK COUNTY EMERGENCY MANAGEMENT AGENCY AT (419) 424-7092 FOR CLEANUP OF THE SPILL.

FOR PROFILE SEE SHEET 469



HORIZONTAL SCALE IN FEET  
 1" = 100'  
 CALCULATED  
 ACF  
 CHECKED  
 ABS

**PLAN AND PROFILE - I-75**  
**STA. 759+00 TO STA. 771+50**

**HAN-75-14.39**

468  
 2034

T:\Projects\HAN\87005\roadway\sheet\87005GP003.dgn 21-AUG-2014 2:08AM redderj

LEGEND

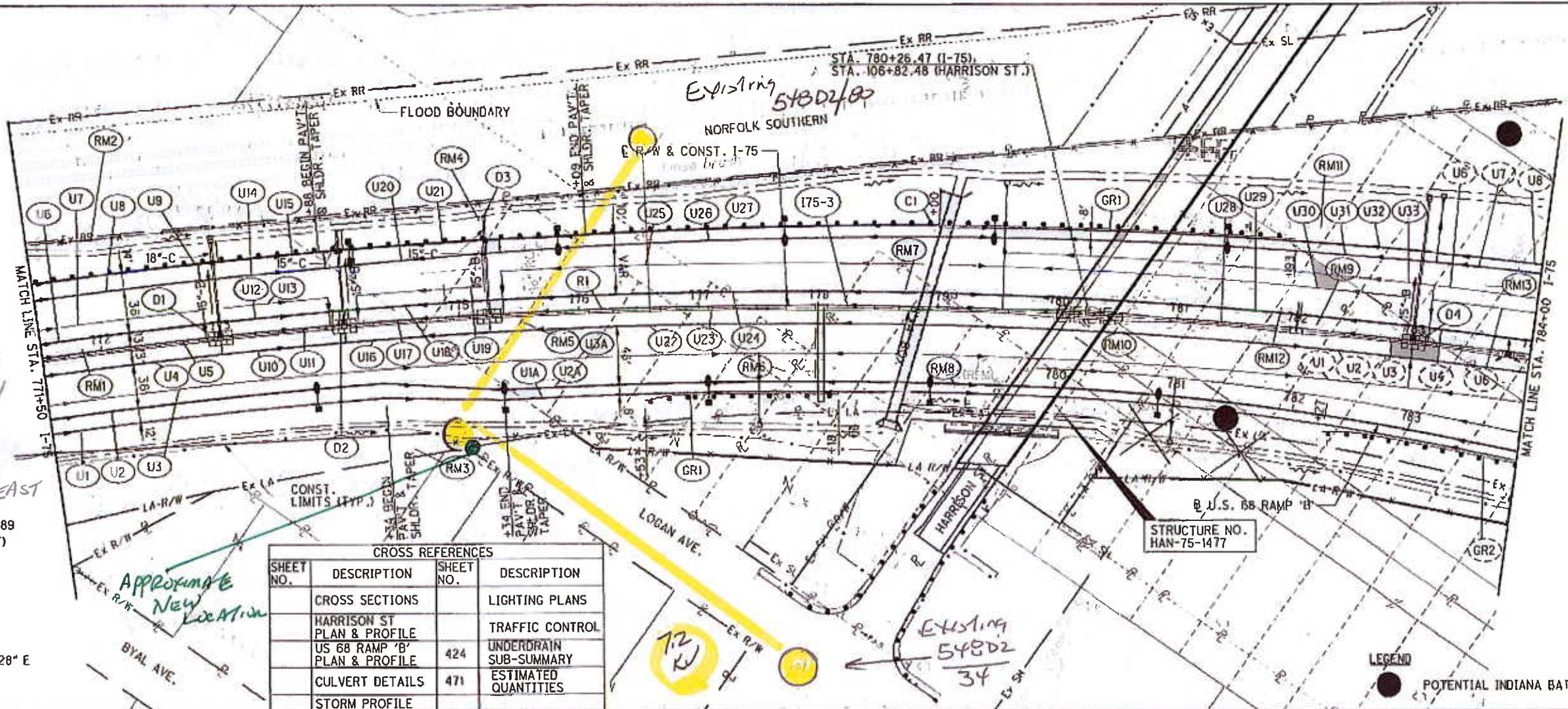
SEE ADJACENT SHEET



PLAN AND PROFILE - I-75  
STA. 771+50 TO STA. 784+00

HAN-75-14.39

470  
2034

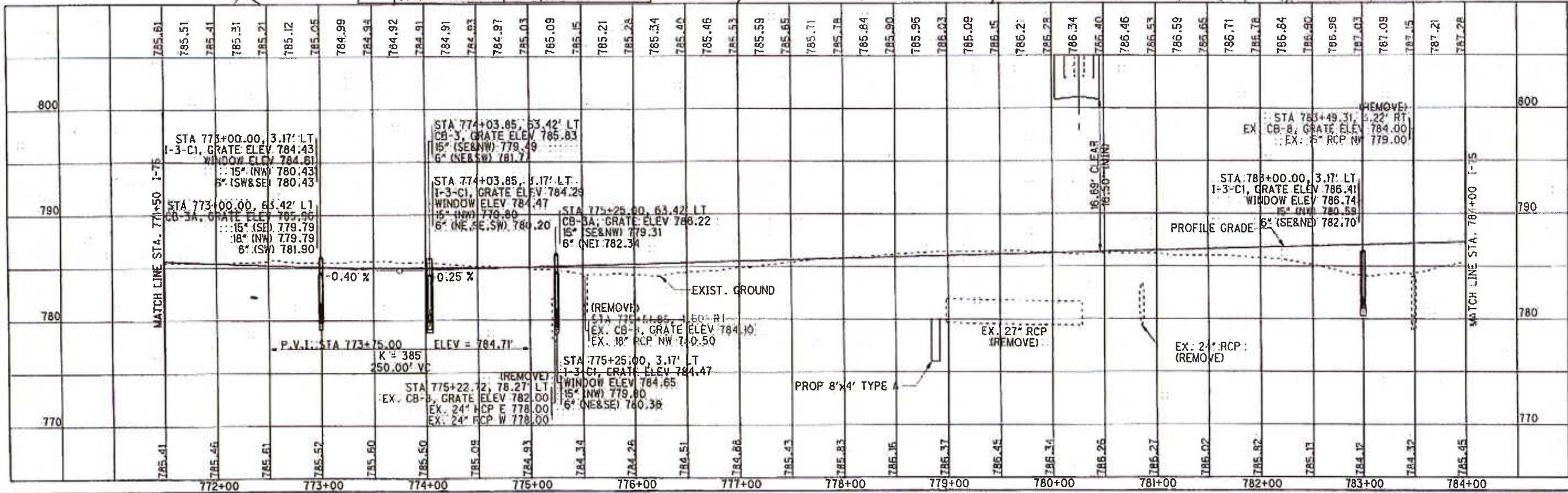


RELOCATE  
548D2/34

RELOCATE  
AP MA  
10' NORTH &  
5'-EAST

CURVE 175-3  
P.I. Sta. 777+57.89  
Δ = 19° 03' 13" (RT)  
Dc = 1' 15" 00"  
R = 4,583.66'  
T = 769.25'  
L = 1,524.30'  
E = 64.10'  
C = 1,517.29'  
C.B. = N 55° 29' 28" E  
e<sub>d</sub> = 0.040

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		LIGHTING PLANS
	HARRISON ST PLAN & PROFILE		TRAFFIC CONTROL
	US 66 RAMP 'B' PLAN & PROFILE	424	UNDERDRAIN SUB-SUMMARY
	CULVERT DETAILS	471	ESTIMATED QUANTITIES
	STORM PROFILE		



T:\Projects\HAN\87005\roadway\sheet\87005OP004.dgn 21-AUG-2014 2:08AM redderj

**LEGEND**

- POTENTIAL INDIANA BAT ROOST TREE
- DITCH EROSION PROTECTION
- WETLAND
- IMPACTED WETLAND
- DEP MAT TYPE A
- SEE ADJACENT SHEET

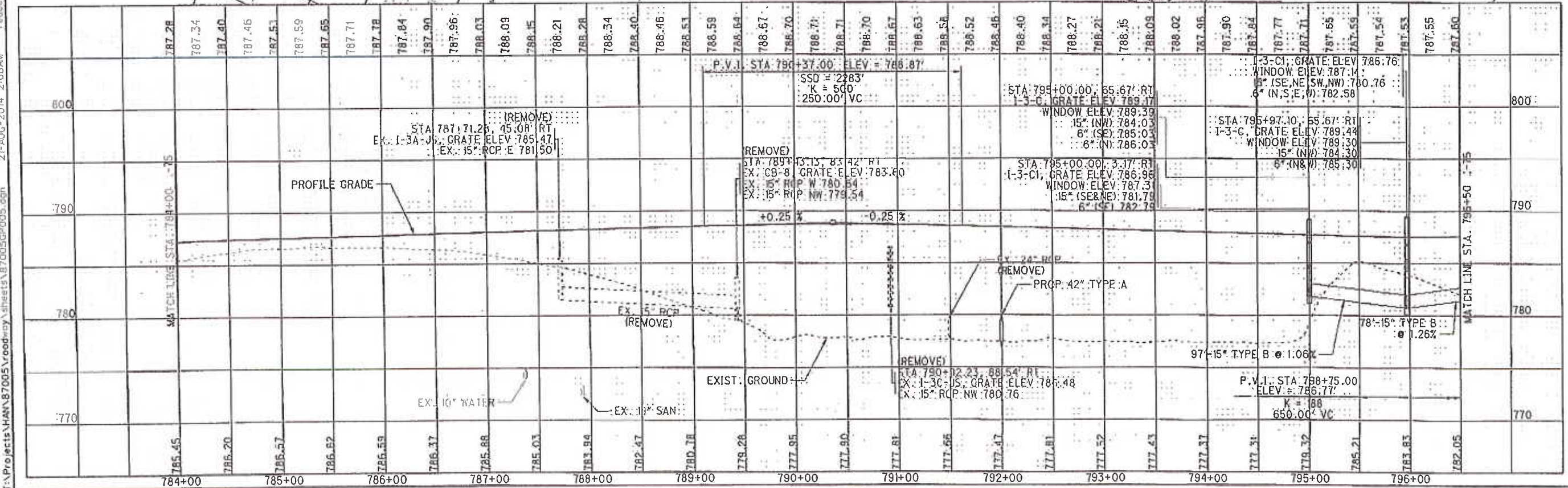
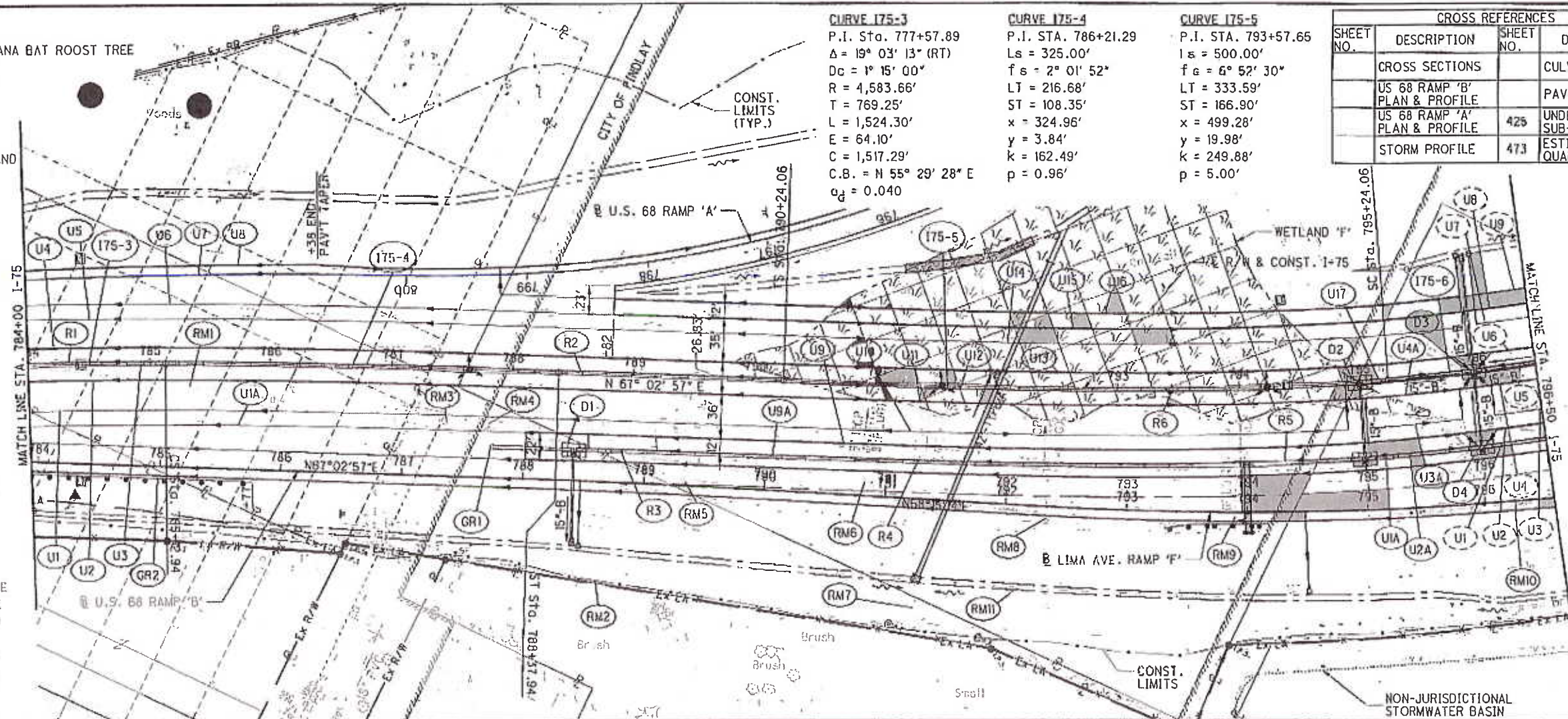
**CURVE 175-6**  
 P.I. STA. 806+27.29  
 $\Delta = 65^\circ 53' 13''$  (LT)  
 $Dc = 2^\circ 45' 00''$   
 $R = 2,083.48'$   
 $Ls = 500.00'$   
 $\theta_6 = 6^\circ 52' 30''$   
 $LT = 333.59'$   
 $SI = 166.90'$   
 $x = 499.28'$   
 $y = 19.98'$   
 $k = 249.88'$   
 $p = 5.00'$   
 $\Delta c = 52^\circ 08' 13''$  (LT)  
 $Lc = 1,895.89'$   
 $Is = 1,603.22'$   
 $Es = 405.15'$   
 $C = 1,831.15'$   
 $C1 = C2 = 499.68'$   
 $C.B.1 = N 64^\circ 48' 28'' E$   
 $C.B.2 = S 3^\circ 27' 13'' W$   
 $e_d = 0.060$   
 $SSD = 549'$  (730' MIN)  
 ACTUAL DESIGN SPEED  
 58 MPH

**CURVE 175-3**  
 P.I. STA. 777+57.89  
 $\Delta = 19^\circ 03' 13''$  (RT)  
 $Dc = 1^\circ 15' 00''$   
 $R = 4,583.66'$   
 $L = 1,524.30'$   
 $E = 64.10'$   
 $C = 1,517.29'$   
 $C.B. = N 55^\circ 29' 28'' E$   
 $e_d = 0.040$

**CURVE 175-4**  
 P.I. STA. 786+21.29  
 $Ls = 325.00'$   
 $f_s = 2^\circ 01' 52''$   
 $LT = 216.68'$   
 $ST = 108.35'$   
 $x = 324.96'$   
 $y = 3.84'$   
 $k = 162.49'$   
 $p = 0.96'$

**CURVE 175-5**  
 P.I. STA. 793+57.65  
 $Ls = 500.00'$   
 $f_s = 6^\circ 52' 30''$   
 $LT = 333.59'$   
 $ST = 166.90'$   
 $x = 499.28'$   
 $y = 19.98'$   
 $k = 249.88'$   
 $p = 5.00'$

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		CULVERT DETAILS
	US 68 RAMP 'B' PLAN & PROFILE		PAV'T DETAILS
	US 68 RAMP 'A' PLAN & PROFILE	425	UNDERDRAIN SUB-SUMMARY
	STORM PROFILE	473	ESTIMATED QUANTITIES



HORIZONTAL SCALE IN FEET

50  
25  
0

0 25 50  
CALCULATED  
ACT  
CHECKED  
ABS.

**PLAN AND PROFILE - 1-75**

**STA. 784+00 TO STA. 796+50**

**HAN-75-14.39**

472  
2034

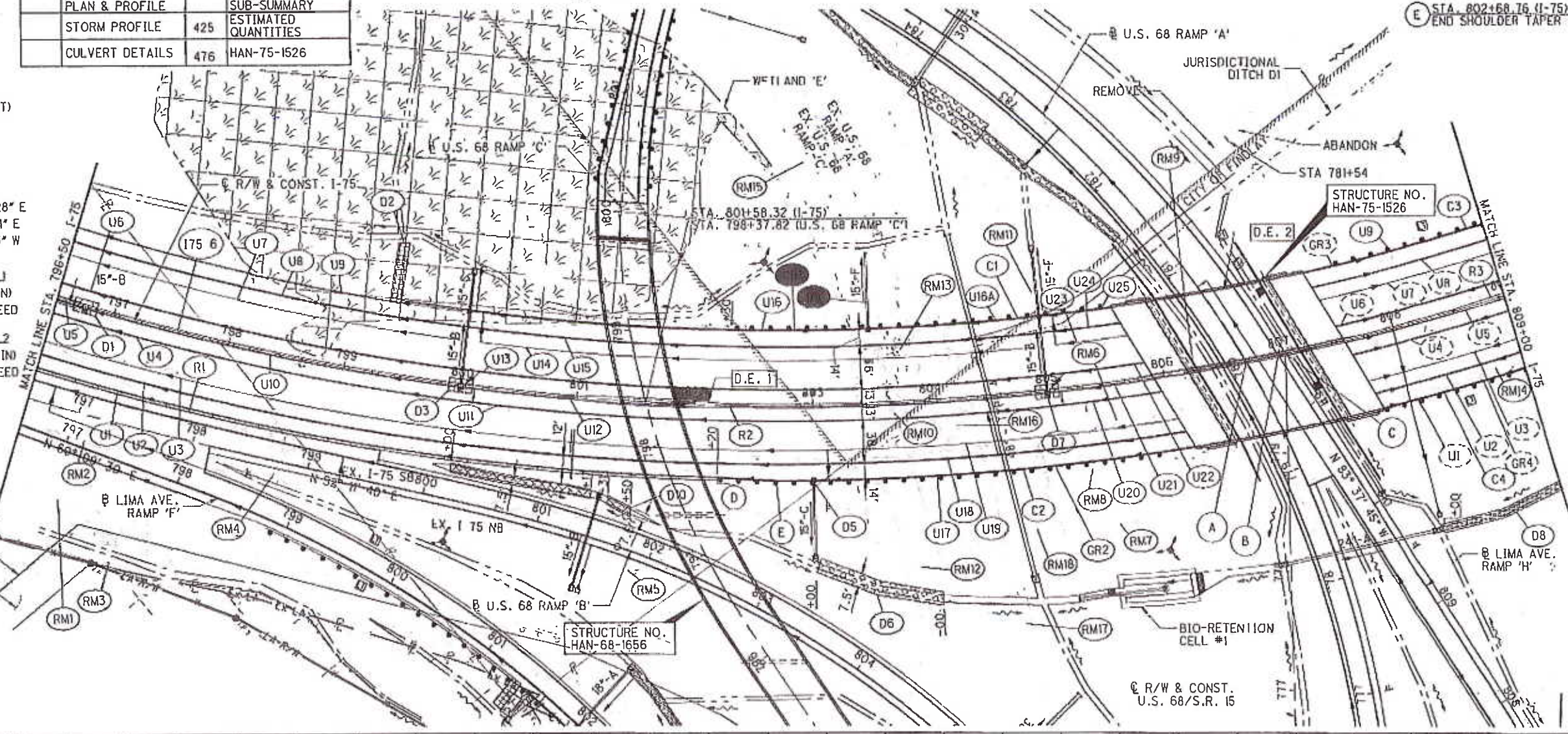
T:\Projects\HAN\87005\roadway\sheet\87005\GP005.dgn 21-AUG-2014 2:08AM resident

**CURVE 175-6**  
 P.I. Sta. 806+27.29  
 $\Delta = 65^\circ 53' 13''$  (LT)  
 $D_c = 2^\circ 45' 00''$   
 $R = 2,083.48'$   
 $L_s = 500.00'$   
 $\theta_s = 6^\circ 52' 30''$   
 $LT = 333.59'$   
 $ST = 166.90'$   
 $x = 499.28'$   
 $y = 19.98'$   
 $k = 249.88'$   
 $p = 5.00'$   
 $\Delta_c = 52^\circ 08' 13''$  (LT)  
 $L_c = 1,895.89'$   
 $T_s = 1,603.22'$   
 $E_s = 405.15'$   
 $C = 1,831.15'$   
 $C1 = C2 = 499.68'$   
 $C.B.1 = N 64^\circ 45' 28'' E$   
 $C.B. = N 34^\circ 06' 21'' E$   
 $C.B.2 = S 3^\circ 27' 13'' W$   
 $e_d = 0.060$   
**DESIGN EXCEPTION 1**  
 $SSD = 521'$  (730' MIN)  
 ACTUAL DESIGN SPEED  
 56 MPH  
**DESIGN EXCEPTION 2**  
 $SSD = 569'$  (730' MIN)  
 ACTUAL DESIGN SPEED  
 59 MPH

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		BIO-RETENTION CELL DETAIL
	US 68 RAMP 'B' PLAN & PROFILE		LIGHTING PLANS
	US 68 RAMP 'C' PLAN & PROFILE		GRADING PLANS
	US 68 RAMP 'A' PLAN & PROFILE		UNDERDRAIN SUB-SUMMARY
	STORM PROFILE	425	ESTIMATED QUANTITIES
	CULVERT DETAILS	476	HAN-75-1526

- LEGEND**
- DITCH EROSION PROTECTION
  - WETLAND
  - IMPACTED WETLAND
  - DEP MAT TYPE A
  - TIED CONC. BLOCK MAT TYPE 2
  - SEE ADJACENT SHEET

- A STA. 806+70.89 (I-75)
- STA. 780+02.71 (U.S. 68 RAMP 'A')
- B STA. 806+98.70 (I-75)
- STA. 811+49.84 (LIMA AVE. RAMP 'H')
- C STA. 807+04.87 (I-75)
- STA. 779+84.01 (U.S. 68/S.R. 15)
- D STA. 802+20.25 (I-75)
- BEGIN SHOULDER TAPER
- E STA. 802+68.76 (I-75)
- END SHOULDER TAPER



PHASE II ESA SITE 4  
 NON-JURISDICTIONAL STORMWATER BASIN

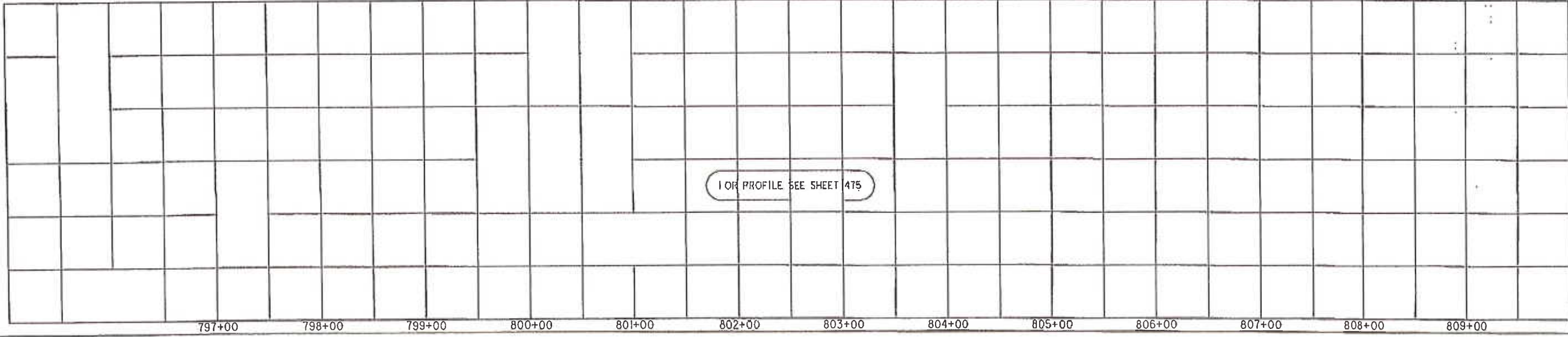


PLAN AND PROFILE - I-75  
 STA. 796+50 TO STA. 809+00

HAN-75-14.39

474  
 2034

T:\Projects\HAN\B7005\roadway\sheet\B7005GP005.dgn 21-AUG-2014 2:08AM

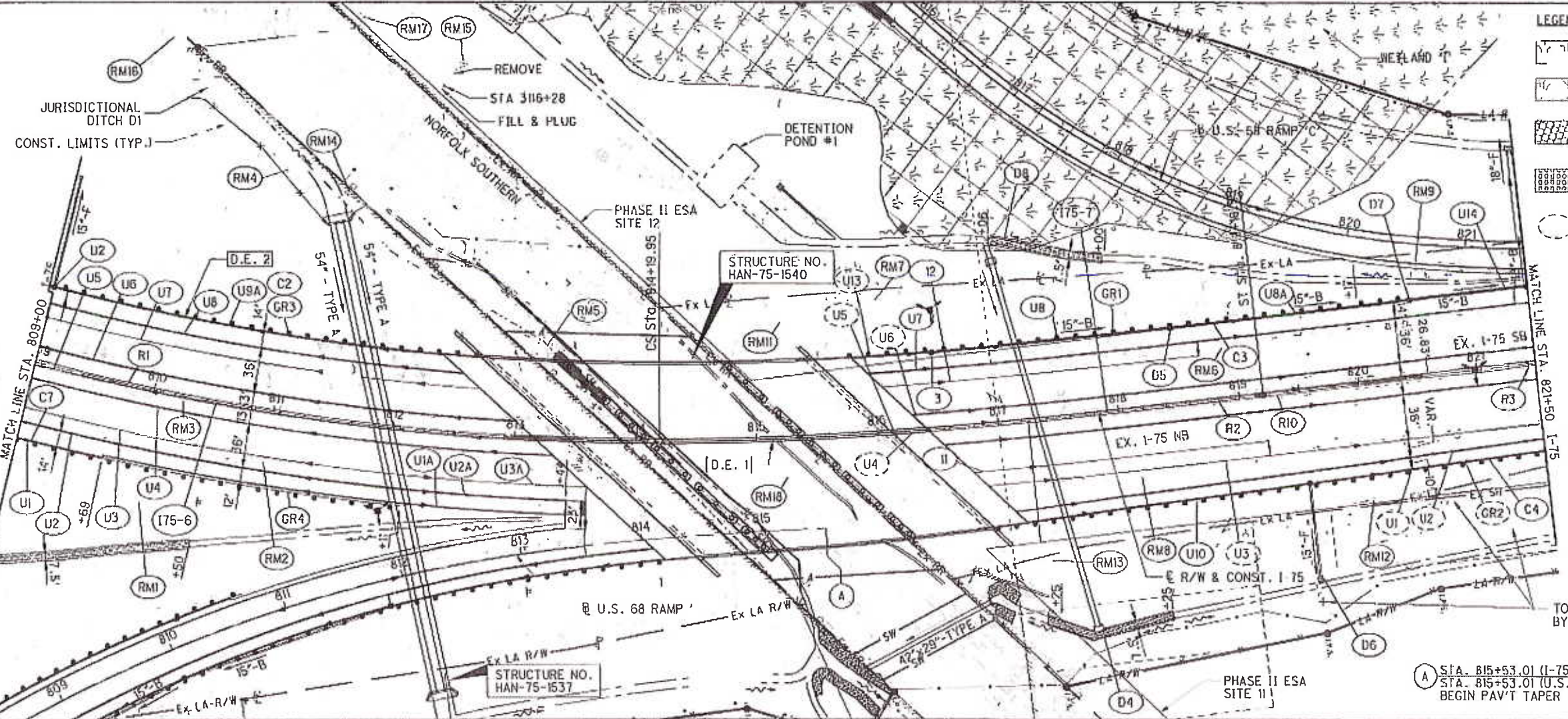


**CURVE 175-6**  
 P.I. Sta. 806+27.29  
 $\Delta = 65^\circ 53' 13''$  (LT)  
 $Dc = 2^\circ 45' 00''$   
 $R = 2,083.48'$   
 $Ls = 500.00'$   
 $\theta s = 6^\circ 52' 30''$   
 $LT = 333.59'$   
 $ST = 166.90'$   
 $x = 499.28'$   
 $y = 19.98'$   
 $k = 249.88'$   
 $p = 5.00'$   
 $\Delta c = 52^\circ 08' 13''$  (LT)  
 $Lc = 1,895.89'$   
 $Ts = 1,603.22'$   
 $Ea = 405.15'$   
 $C = 1,831.15'$   
 $C1 = C2 = 499.68'$   
 $C.B.1 = N 64^\circ 45' 28'' E$   
 $C.B.2 = N 34^\circ 06' 21'' E$   
 $C.B.2 = S 3^\circ 27' 13'' W$   
 $q_d = 0.060$

**DESIGN EXCEPTION 1**  
 SSD = 549' (730' MIN)  
 ACTUAL DESIGN SPEED 58 MPH

**DESIGN EXCEPTION 2**  
 SSD = 569' (730' MIN)  
 ACTUAL DESIGN SPEED 59 MPH

**CURVE 175-7**  
 P.I. STA. 815+86.84  
 $Ls = 500.00'$   
 $\theta s = 6^\circ 52' 30''$   
 $LT = 333.59'$   
 $S = 166.90'$   
 $x = 499.28'$   
 $y = 19.98'$   
 $k = 249.88'$   
 $p = 5.00'$

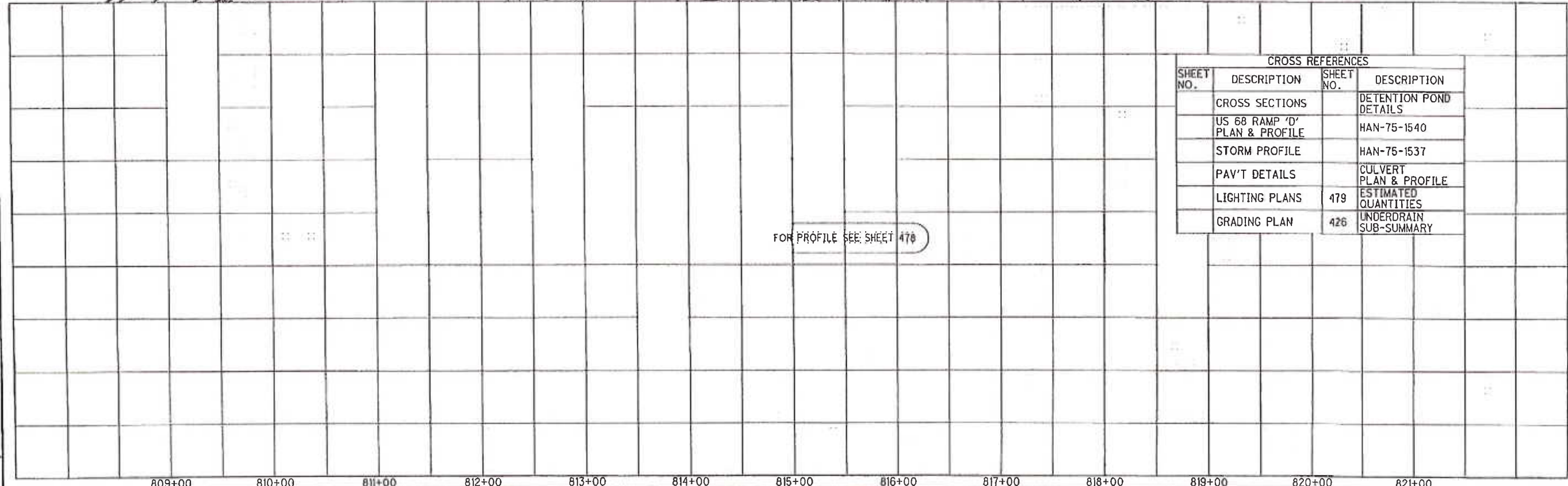


**LEGEND**

- WETLAND
- IMPACTED WETLAND
- TIED CONC. BLOCK MAT TYPE 1
- DEP MAT TYPE A
- SEE ADJACENT SHEET



T:\Projects\HAN\87005\roadway\sheet\87005GP007.dgn 21-AUG-2014 2:08AM redder

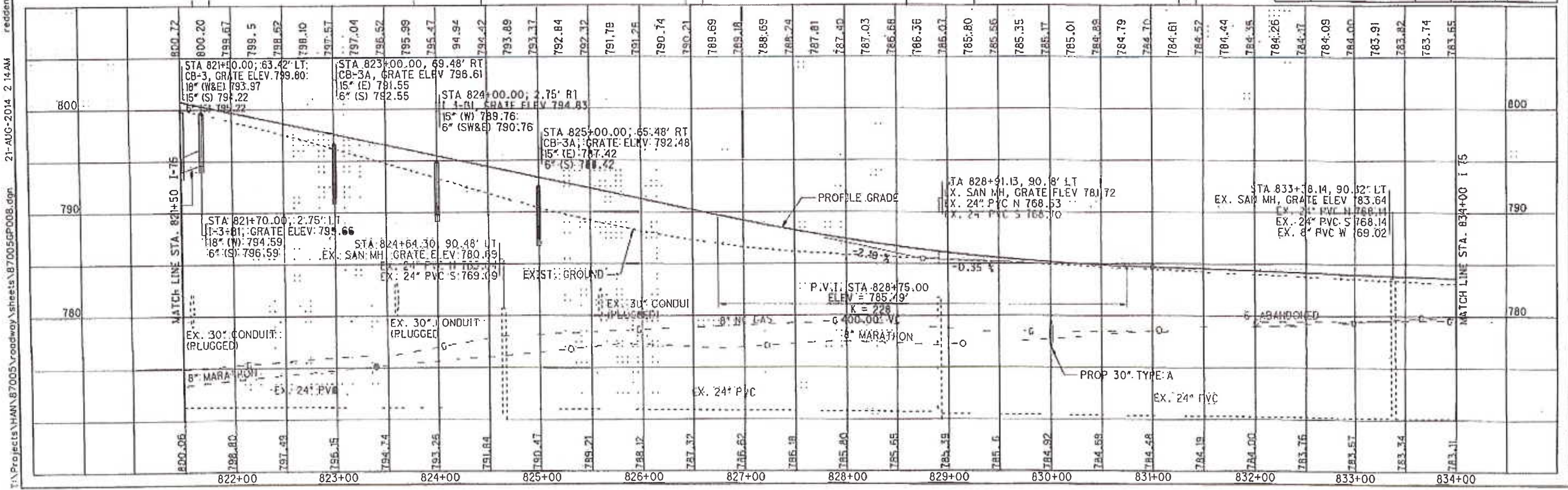
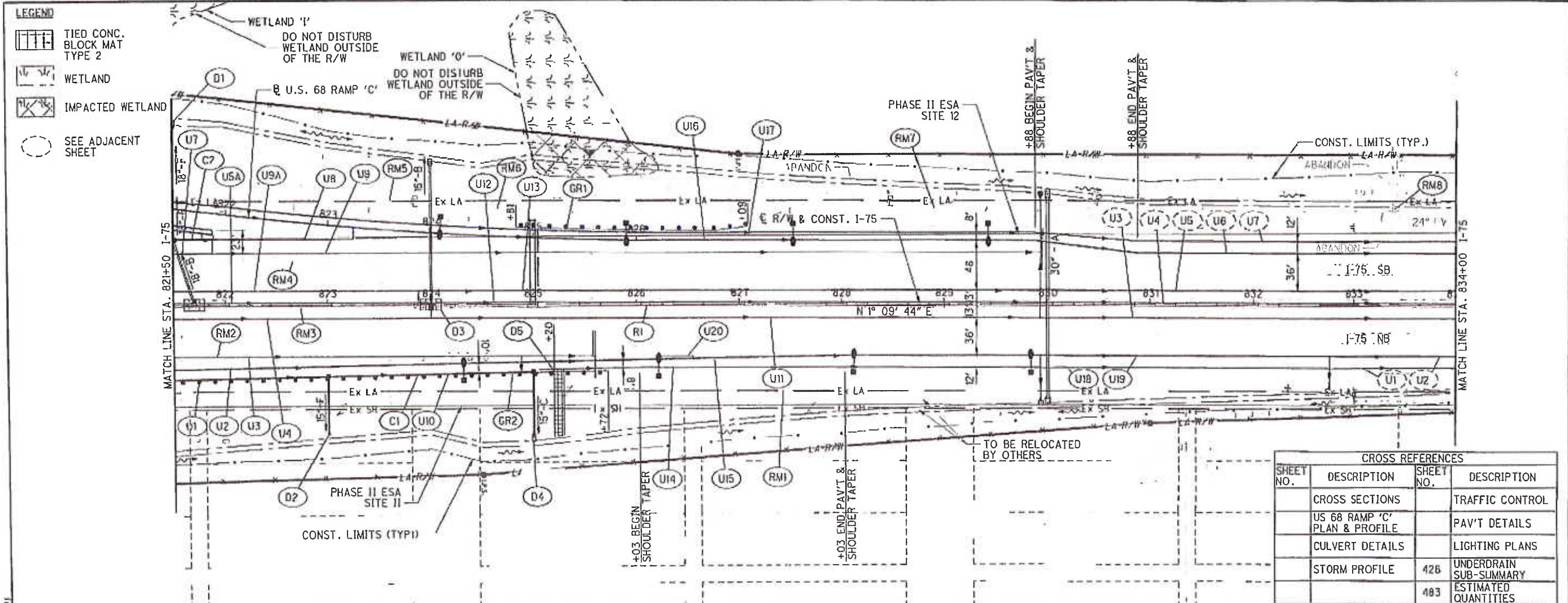


CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		DETENTION POND DETAILS
	US 68 RAMP 'D' PLAN & PROFILE		HAN-75-1540
	STORM PROFILE		HAN-75-1537
	PAV'T DETAILS		CULVERT PLAN & PROFILE
	LIGHTING PLANS	479	ESTIMATED QUANTITIES
	GRADING PLAN	426	UNDERDRAIN SUB-SUMMARY

**PLAN AND PROFILE - I-75**  
**STA. 809+00 TO STA. 821+50**

**HAN-75-14.39**

477  
2034



CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		TRAFFIC CONTROL
	US 68 RAMP 'C' PLAN & PROFILE		PAV'T DETAILS
	CULVERT DETAILS		LIGHTING PLANS
	STORM PROFILE	426	UNDERDRAIN SUB-SUMMARY
		483	ESTIMATED QUANTITIES

T:\Projects\HAN\B7005\roadway\sheet\B7005GP008.dgn 21-AUG-2014 2:14:AM reddent

HORIZONTAL SCALE IN FEET

PLAN AND PROFILE - I-75  
STA. 821+50 TO STA. 834+00

HAN-75-14.39

480
2034



T:\Projects\HAN\B7005\roadway\sheets\B7005GPO09.dgn 21-AUG-2014 2:08AM reddeni

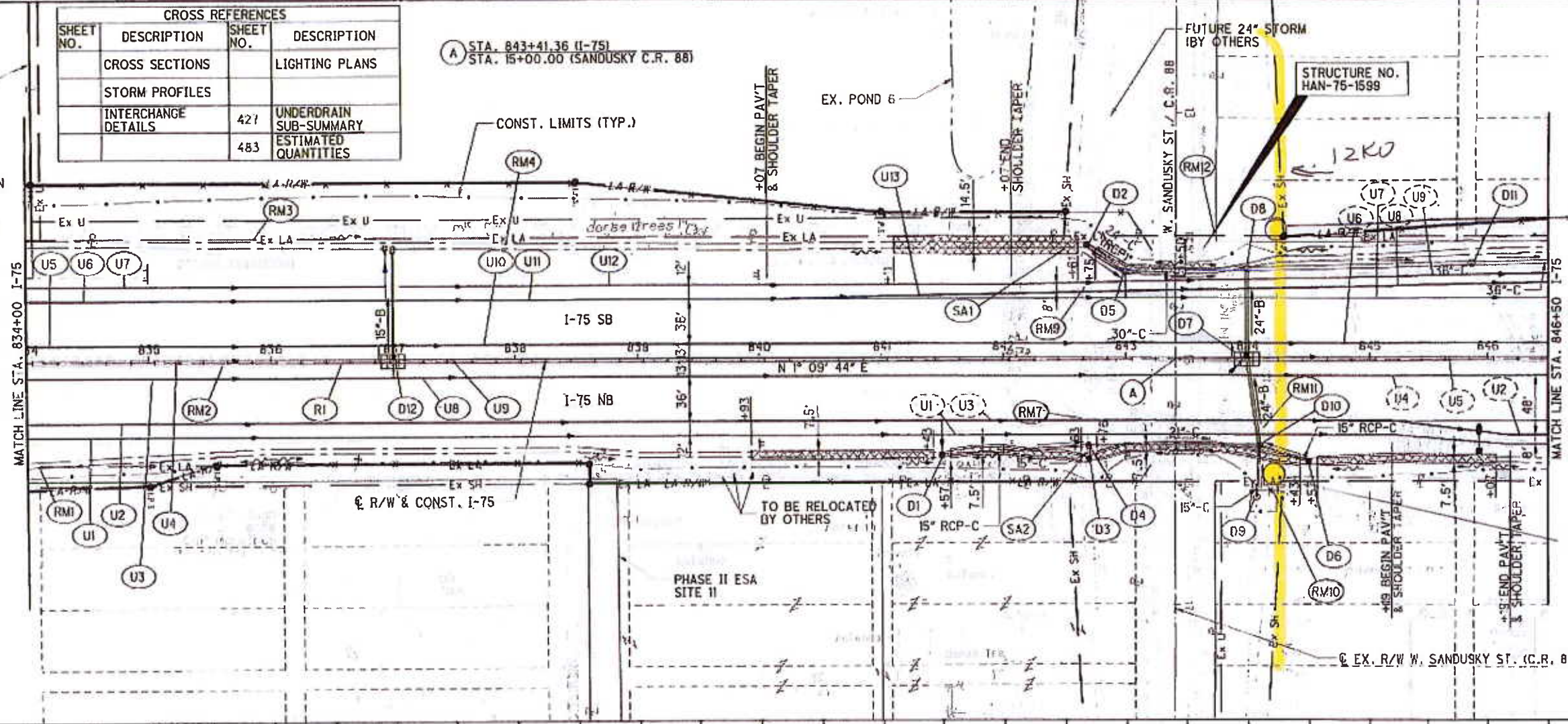
CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		LIGHTING PLANS
	STORM PROFILES		
	INTERCHANGE DETAILS	421	UNDERDRAIN SUB-SUMMARY
		483	ESTIMATED QUANTITIES

PHASE II ESA SITE 12

**LEGEND**

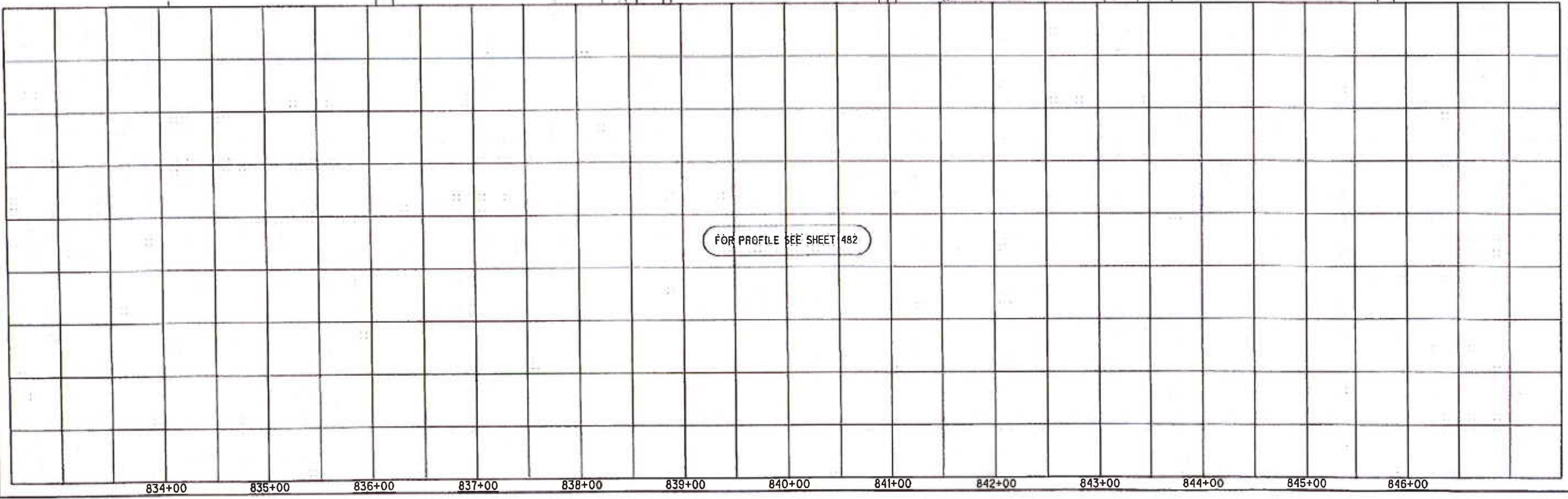
DITCH EROSION PROTECTION

SEE ADJACENT SHEET



EXISTING  
548C3  
152

EXISTING  
548C3  
153



FOR PROFILE SEE SHEET 482




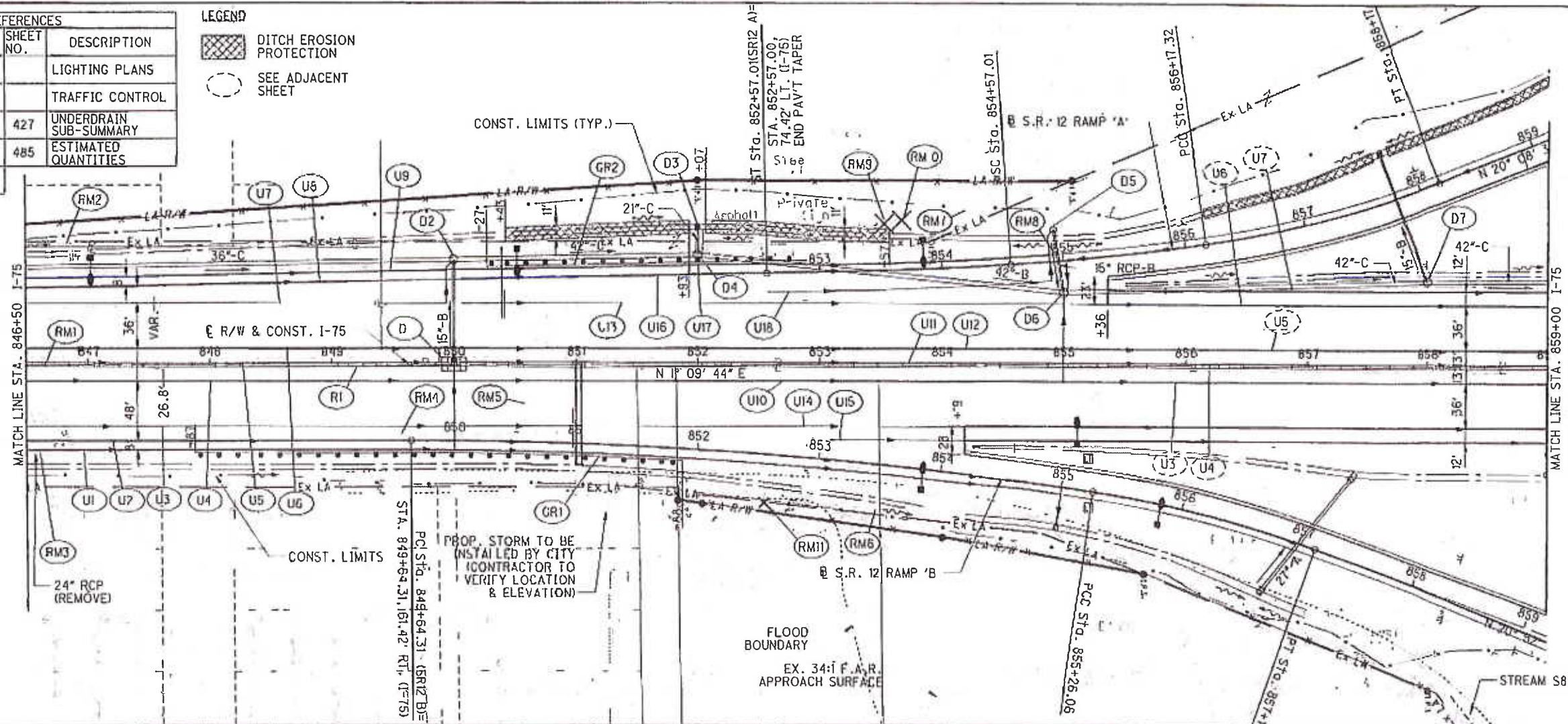
PLAN AND PROFILE - I-75  
STA. 834+00 TO STA. 846+50

HAN-75-14.39

481  
2034

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		LIGHTING PLANS
	SR 12 RAMP A PLAN & PROFILE		TRAFFIC CONTROL
	SR 12 RAMP B PLAN & PROFILE	427	UNDERDRAIN SUB-SUMMARY
	STORM PROFILES	485	ESTIMATED QUANTITIES
	INTERCHANGE DETAILS		

**LEGEND**  
 DITCH EROSION PROTECTION  
 SEE ADJACENT SHEET



Station	Elevation	Notes
847+00	779.51	
848+00	779.42	
849+00	779.32	
850+00	779.28	
851+00	779.23	
852+00	779.18	
853+00	779.13	
854+00	779.04	
855+00	778.99	
856+00	778.95	
857+00	778.90	
858+00	778.85	
859+00	778.80	
847+00	779.75	
848+00	779.61	
849+00	779.49	
850+00	779.41	
851+00	779.32	
852+00	779.25	
853+00	779.15	
854+00	779.04	
855+00	778.94	
856+00	778.84	
857+00	778.76	
858+00	778.67	
859+00	778.57	
847+00	778.84	
848+00	778.75	
849+00	778.66	
850+00	778.56	
851+00	778.46	
852+00	778.36	
853+00	778.26	
854+00	778.16	
855+00	778.06	
856+00	777.96	
857+00	777.86	
858+00	777.76	
859+00	777.66	
847+00	777.71	
848+00	777.67	
849+00	777.62	
850+00	777.57	
851+00	777.53	
852+00	777.48	
853+00	777.43	
854+00	777.38	
855+00	777.34	
856+00	777.29	
857+00	777.24	
858+00	777.19	
859+00	777.15	

T:\Projects\HAN\87005\roadway\sheet\87005GPO10.dgn 21-AUG-2014 2:09AM redder



30  
60  
90  
HORIZONTAL SCALE IN FEET

CALCULATED

ACF

CHECKED

ABS

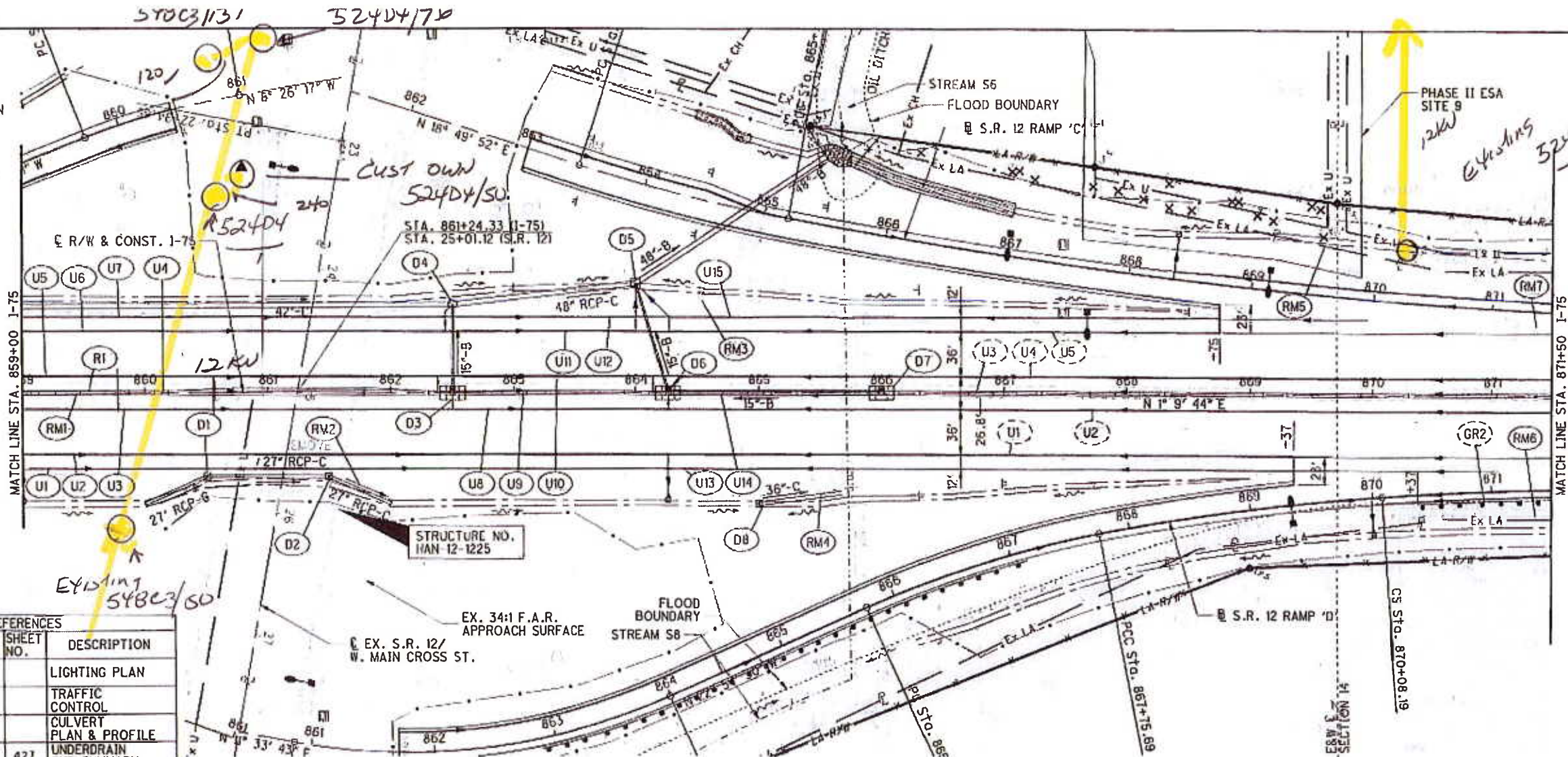
PLAN AND PROFILE - I-75

STA. 846+50 TO STA. 859+00

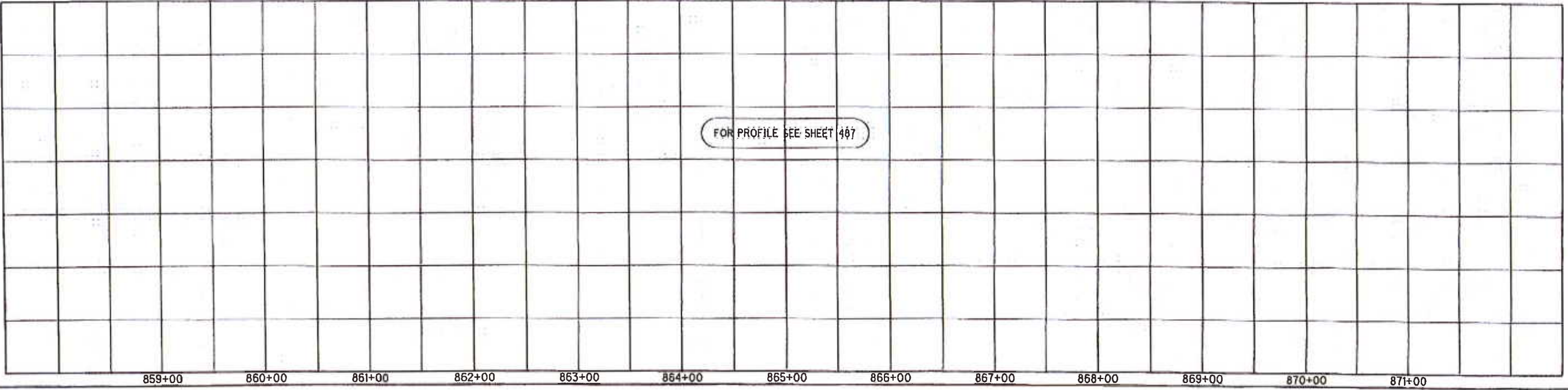
HAN-75-14.39



- LEGEND**
-  DITCH EROSION PROTECTION
  -  TURF REINF. MAT TYPE 1
  -  SEE ADJACENT SHEET



CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		LIGHTING PLAN
	INTERCHANGE DETAILS		TRAFFIC CONTROL
	SR 12 RAMP D PLAN & PROFILE		CULVERT PLAN & PROFILE
	SR 12 RAMP C PLAN & PROFILE	427	UNDERDRAIN SUB-SUMMARY
	STORM PROFILES	488	ESTIMATED QUANTITIES
	MEDIAN DETAIL		



  
 HORIZONTAL SCALE IN FEET

**PLAN AND PROFILE - I-75  
STA. 859+00 TO STA. 871+50**

**HAN-75-14.39**

486  
2034

T:\Projects\HAN\87005\roadway\sheet\87005GP011.dgn 21-AUG-2014 2:09AM reddeni

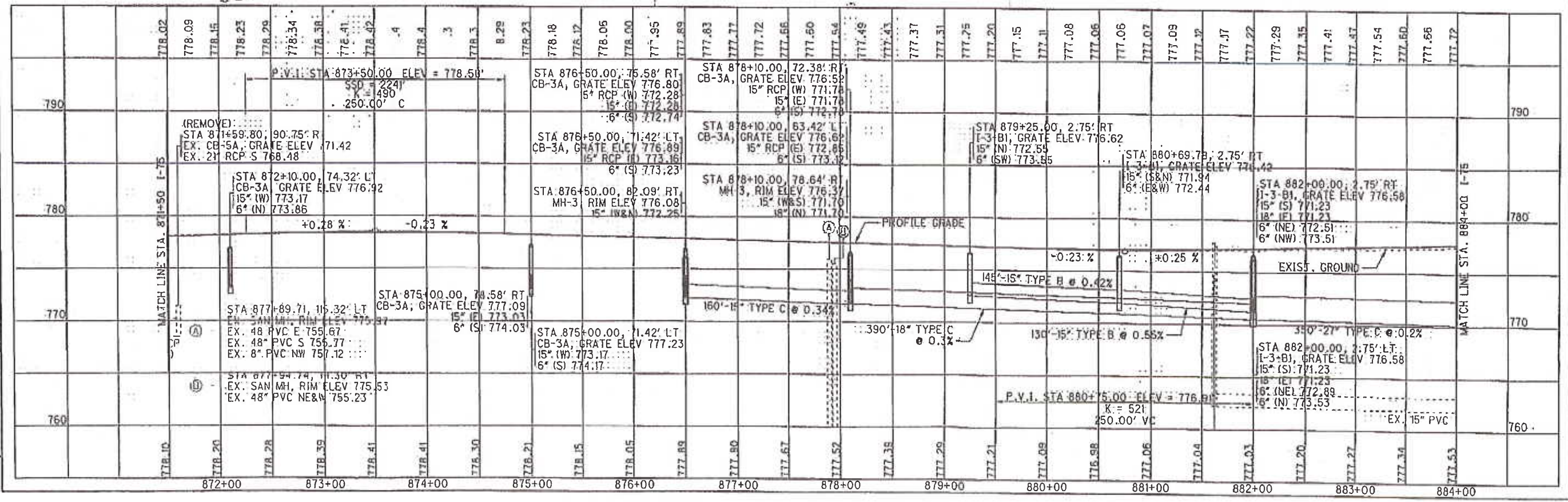
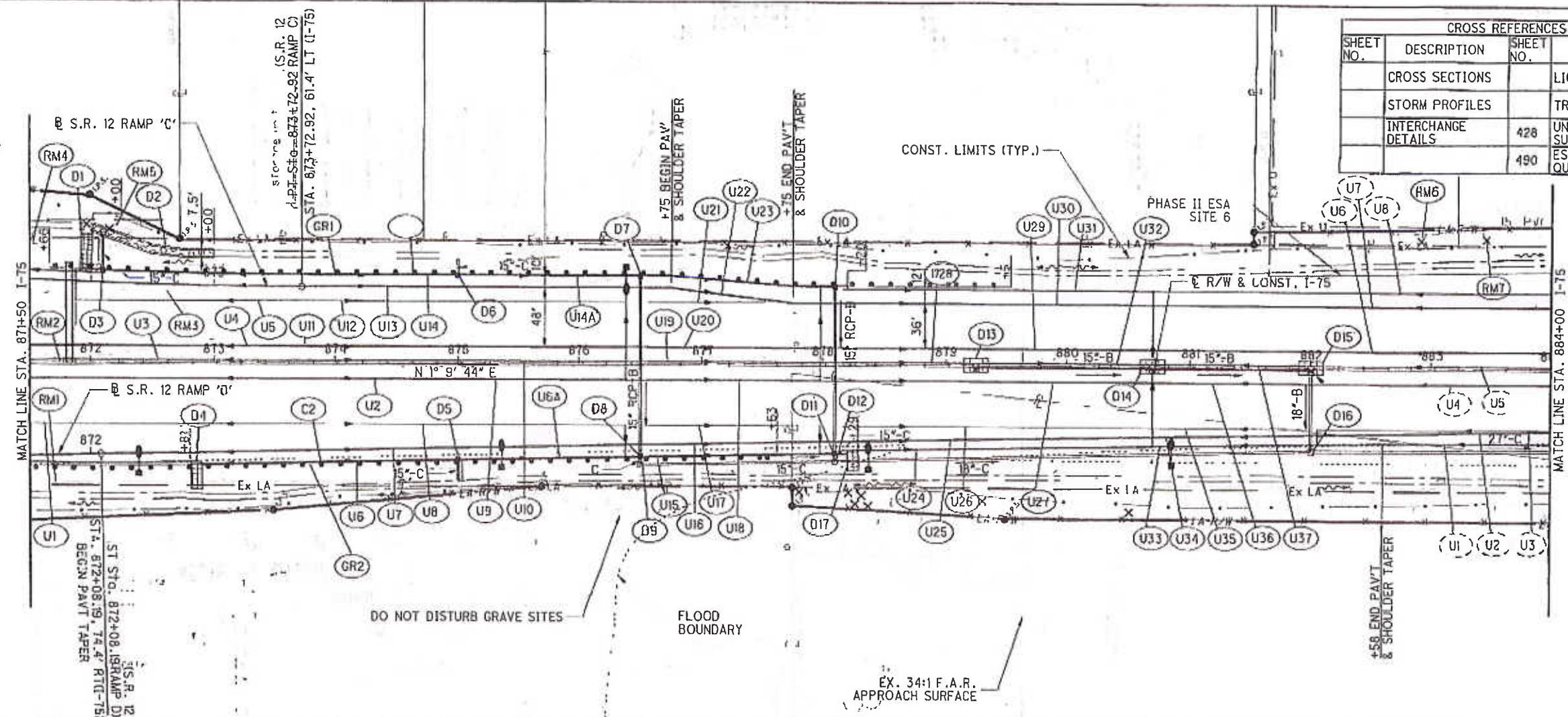
T:\Projects\HAN\B7005\roadway\sheet\B7005GP012.dgn 21-AUG-2014 2:09AM redder

**LEGEND**

	DEP MAT TYPE B
	TIED CONC. BLOCK MAT TYPE 2
	SEE ADJACENT SHEET

**CROSS REFERENCES**

SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		LIGHTING PLAN
	STORM PROFILES		TRAFFIC CONTROL
	INTERCHANGE DETAILS	428	UNDERDRAIN SUB-SUMMARY
		490	ESTIMATED QUANTITIES






PLAN AND PROFILE - I-75  
STA. 871+50 TO STA. 884+00

HAN-75-14.39

489  
2034

**LEGEND**

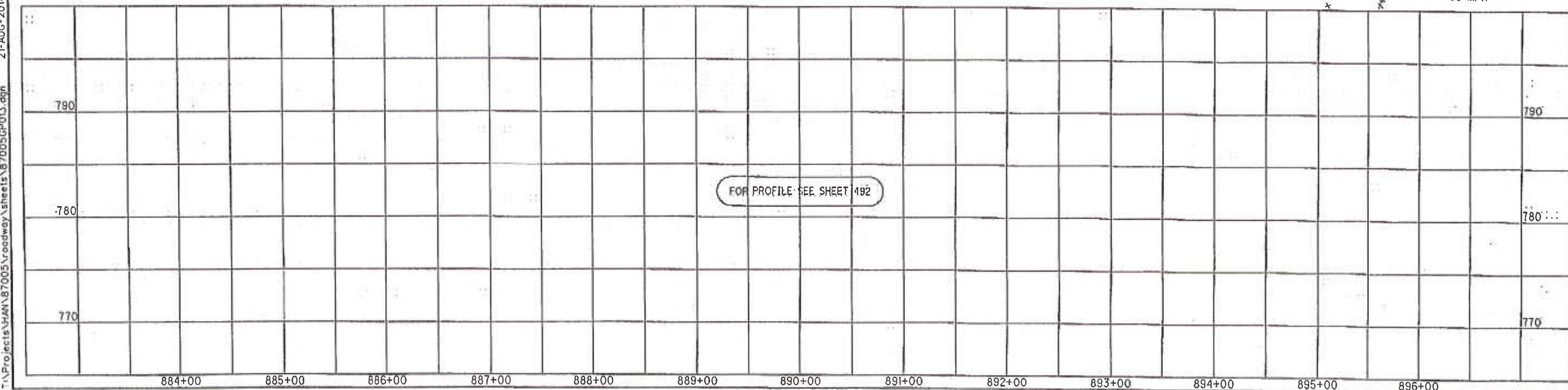
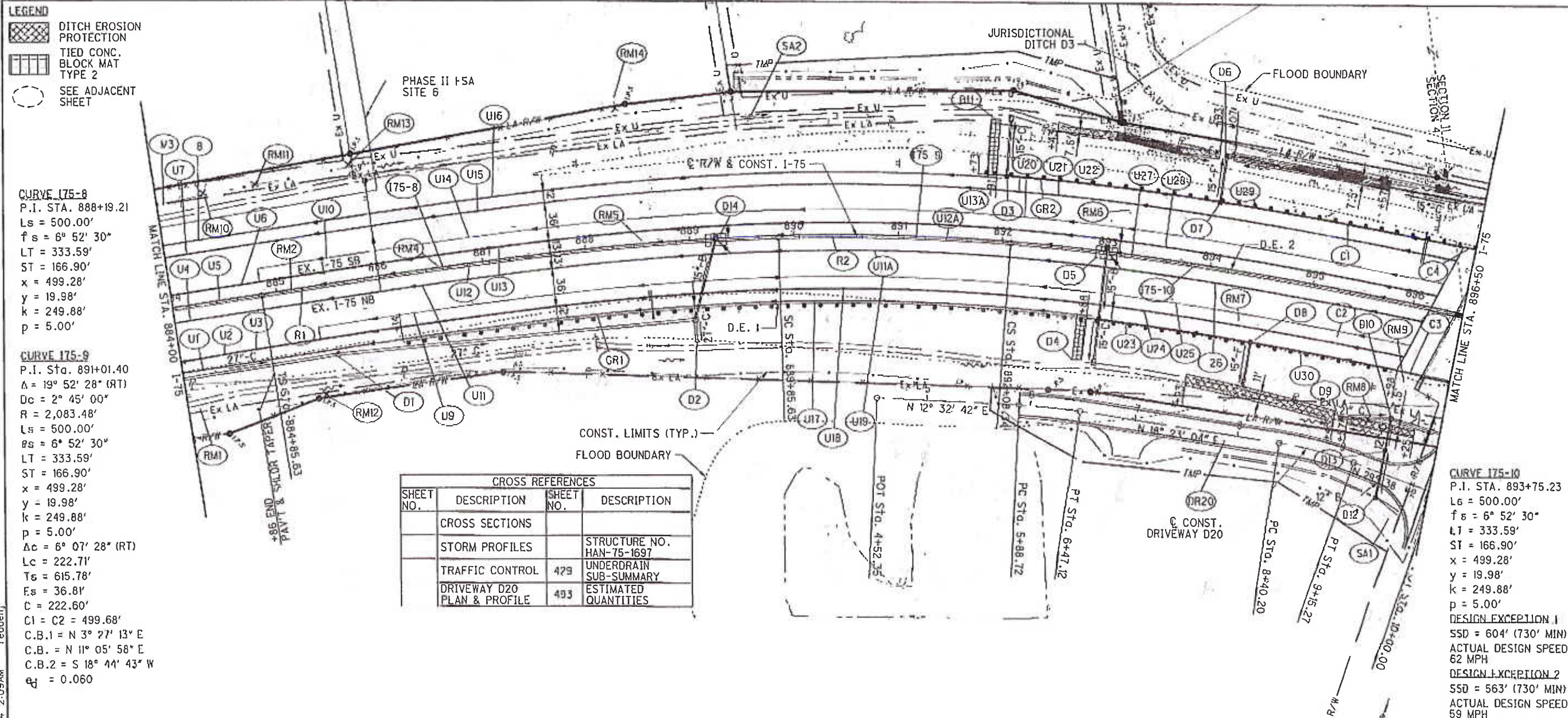
-  DITCH EROSION PROTECTION
-  TIED CONC. BLOCK MAT TYPE 2
-  SEE ADJACENT SHEET

**CURVE 175-8**  
 P.I. STA. 888+19.21  
 Ls = 500.00'  
 fs = 6° 52' 30"  
 LT = 333.59'  
 ST = 166.90'  
 x = 499.28'  
 y = 19.98'  
 k = 249.88'  
 p = 5.00'

**CURVE 175-9**  
 P.I. Sta. 891+01.40  
 Δ = 19° 52' 28" (RT)  
 Dc = 2° 45' 00"  
 R = 2,083.48'  
 Ls = 500.00'  
 fs = 6° 52' 30"  
 LT = 333.59'  
 ST = 166.90'  
 x = 499.28'  
 y = 19.98'  
 k = 249.88'  
 p = 5.00'  
 Δc = 6° 07' 28" (RT)  
 Lc = 222.71'  
 Ts = 615.78'  
 Es = 36.81'  
 C = 222.60'  
 C1 = C2 = 499.68'  
 C.B.1 = N 3° 27' 13" E  
 C.B. = N 11° 05' 58" E  
 C.B.2 = S 18° 44' 43" W  
 e = 0.060

**CURVE 175-10**  
 P.I. STA. 893+75.23  
 Ls = 500.00'  
 fs = 6° 52' 30"  
 LT = 333.59'  
 ST = 166.90'  
 x = 499.28'  
 y = 19.98'  
 k = 249.88'  
 p = 5.00'  
**DESIGN EXCEPTION 1**  
 SSD = 604' (730' MIN)  
 ACTUAL DESIGN SPEED 62 MPH  
**DESIGN EXCEPTION 2**  
 SSD = 563' (730' MIN)  
 ACTUAL DESIGN SPEED 59 MPH

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	STORM PROFILES		STRUCTURE NO. HAN-75-1697
	TRAFFIC CONTROL	429	UNDERDRAIN SUB-SUMMARY
	DRIVEWAY D20 PLAN & PROFILE	493	ESTIMATED QUANTITIES



CALCULATED  
 ACF  
 CHECKED  
 ABS

**PLAN AND PROFILE - I-75  
 STA. 884+00 TO STA. 896+50**

**HAN-75-14.39**

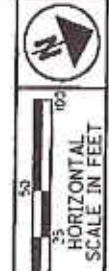
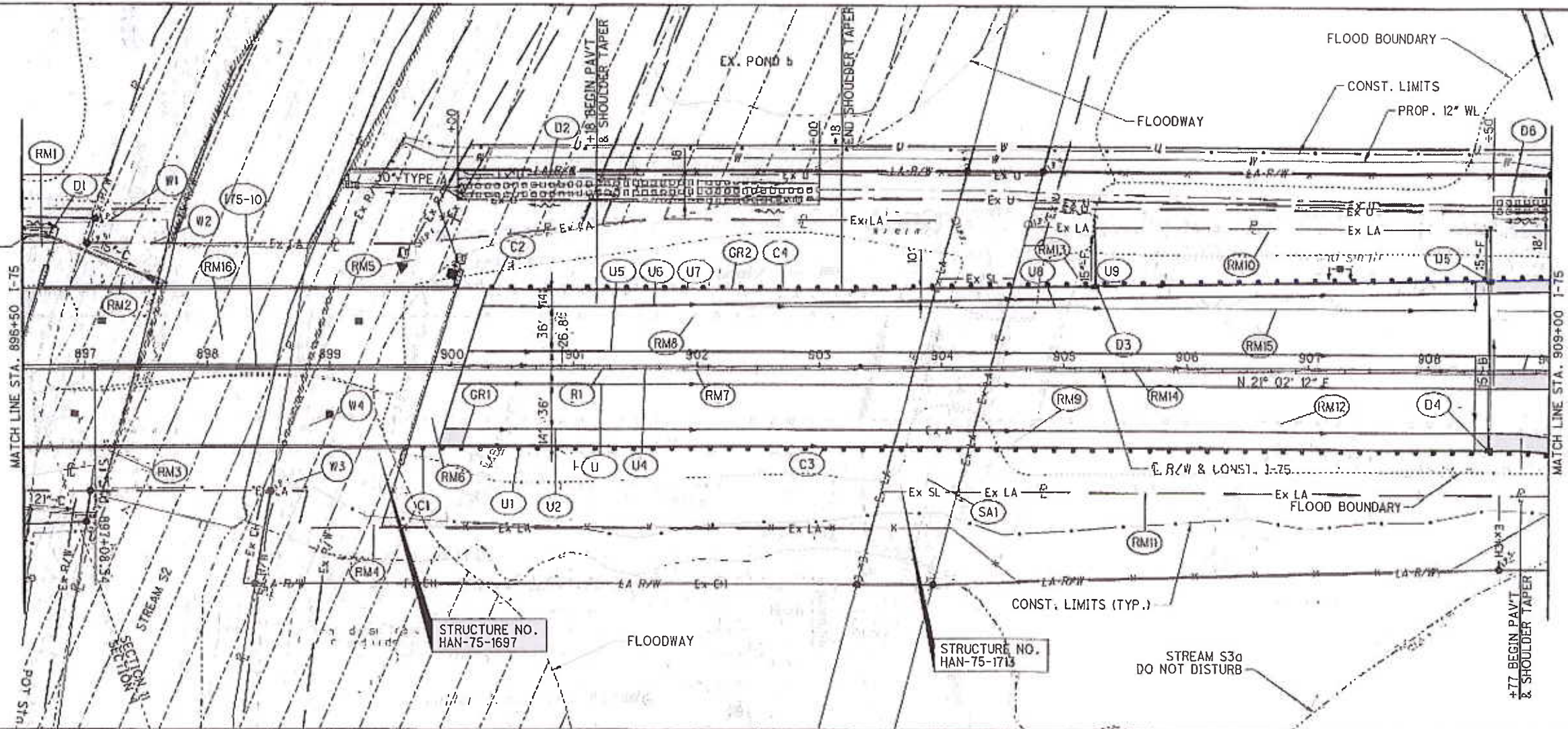
491  
 2034

T:\Projects\HAN\87005\roadway\sheet\87005GP013.dgn 21-AUG-2014 2:09AM redderj

**LEGEND**

- DEP MAT TYPE A
- TIED CONC. BLOCK MAT TYPE 3
- HAN-224-11.81 PROJECT LIMITS
- SEE ADJACENT SHEET

**CURVE 175-10**  
 P.I. STA. 893+75.23  
 Ls = 500.00'  
 fs = 6° 52' 30"  
 LT = 333.59'  
 ST = 166.90'  
 x = 499.28'  
 y = 19.98'  
 k = 249.88'  
 p = 5.00'



CALCULATED  
 ACF  
 HORIZONTAL  
 SCALE IN FEET  
 ABS

**PLAN AND PROFILE - I-75**  
**STA. 896+50 TO STA. 909+00**

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	INTERCHANGE DETAILS		STRUCTURE NO. HAN-75-1697
	WATERLINE DETAILS		STRUCTURE NO. HAN-75-1713
	LIGHTING PLAN	497	ESTIMATED QUANTITIES
	STORM PROFILES	479	UNDERDRAIN SUB-SUMMARY
	CULVERT DETAILS		




FOR PROFILE SEE SHEET 496

897+00    898+00    899+00    900+00    901+00    902+00    903+00    904+00    905+00    906+00    907+00    908+00    909+00

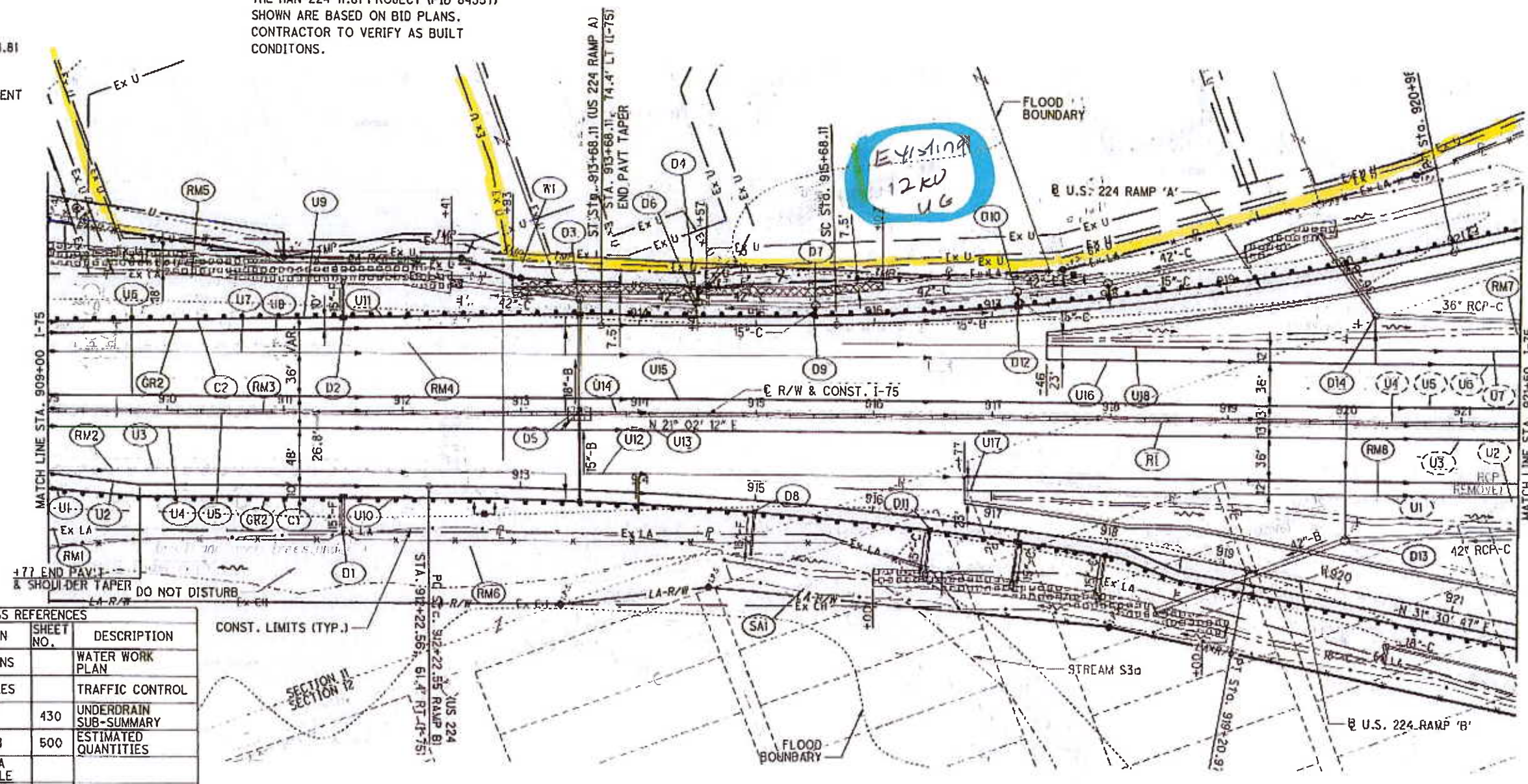
**HAN-75-14.39**

495  
2034

**LEGEND**

-  DEP MAT TYPE A
-  HAN-224-11.81 PROJECT LIMITS
-  SEE ADJACENT SHEET

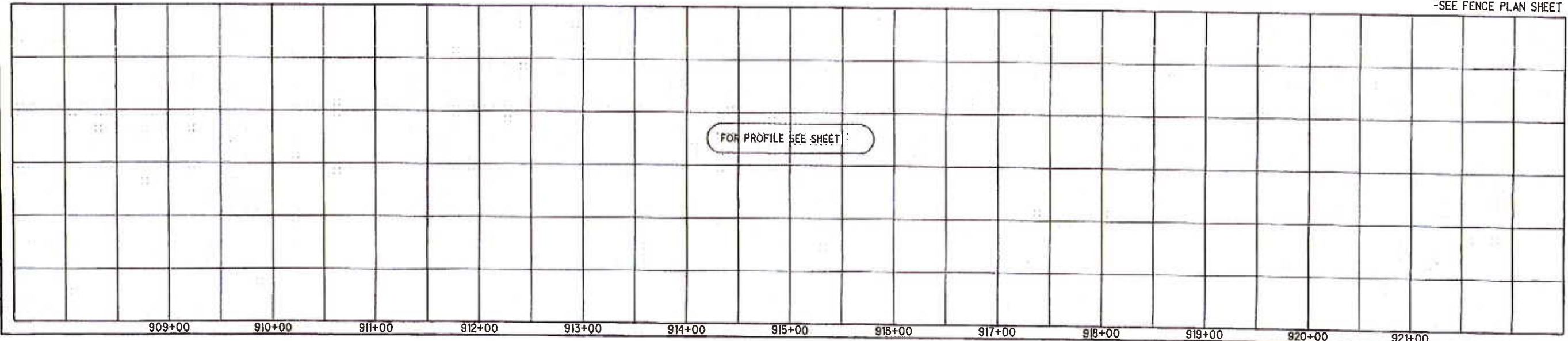
**NOTE:**  
 EXISTING TOPO WITHIN THE LIMITS OF THE HAN-224-11.81 PROJECT (PID 84557) SHOWN ARE BASED ON BID PLANS. CONTRACTOR TO VERIFY AS BUILT CONDITONS.



**CROSS REFERENCES**

SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		WATER WORK PLAN
	STORM PROFILES		TRAFFIC CONTROL
	INTERCHANGE DETAILS	430	UNDERDRAIN SUB-SUMMARY
	LIGHTING PLAN	500	ESTIMATED QUANTITIES
	US 224 RAMP A PLAN & PROFILE		
	US 224 RAMP B PLAN & PROFILE		

CONST. LIMITS (TYP.)  
 SECTION 11  
 SECTION 12



  
  
 HORIZONTAL SCALE IN FEET  
 CALCULATED BY: ACF  
 CHECKED BY: ABS

**PLAN AND PROFILE - I-75  
 STA. 909+00 TO STA. 921+50**

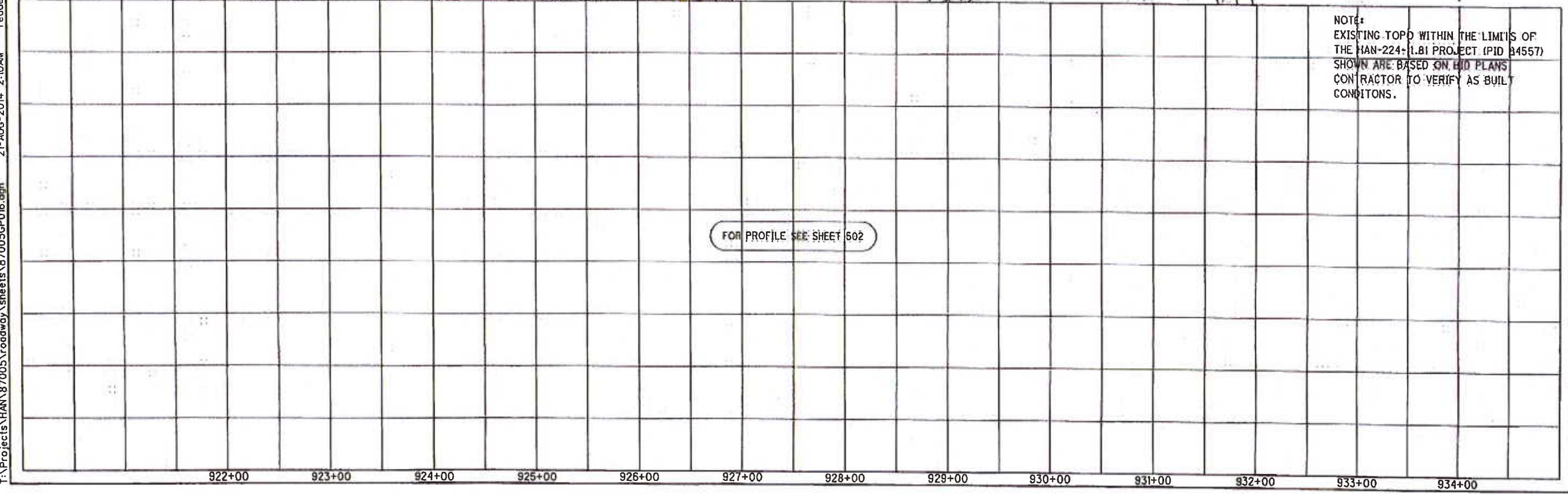
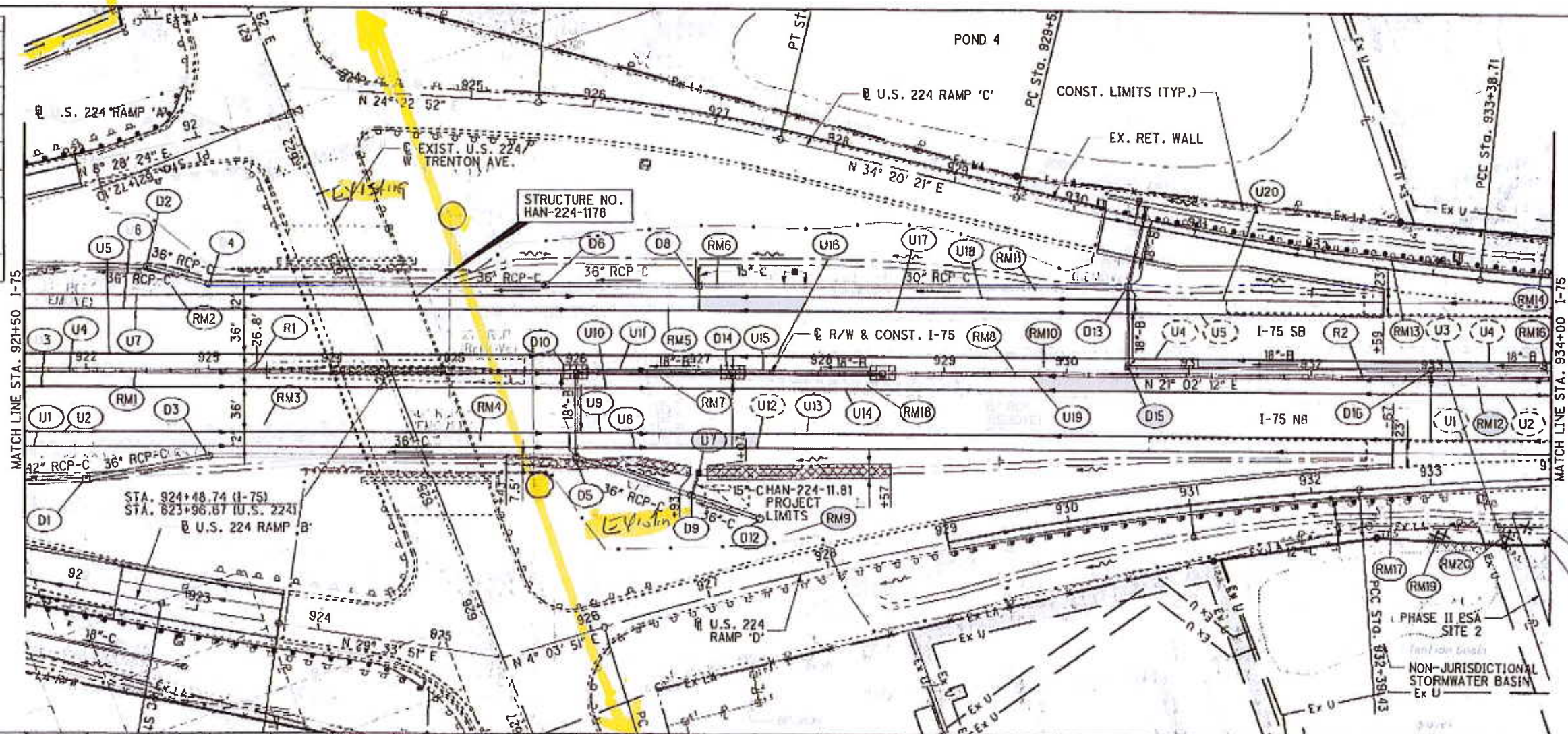
**HAN-75-14.39**

T:\Projects\HAN\87005\roadway\sheet\87005GP015.dgn 21-AUG-2014 2:10AM redder

CROSS REFERENCES	
SHEET NO.	DESCRIPTION
	CROSS SECTIONS
	STORM PROFILES
	INTERCHANGE DETAILS
	US 224 RAMP C PLAN & PROFILE
	US 224 RAMP D PLAN & PROFILE
	TRAFFIC CONTROL
430	UNDERDRAIN SUB-SUMMARY
504	ESTIMATED QUANTITIES

**LEGEND**

-  DITCH EROSION PROTECTION
-  HAN-224-11.81 PROJECT LIMITS
-  SEE ADJACENT SHEET



NOTE:  
 EXISTING TOPD WITHIN THE LIMITS OF THE HAN-224-11.81 PROJECT (PID 84557) SHOWN ARE BASED ON LID PLANS CONTRACTOR TO VERIFY AS BUILT CONDITIONS.

**PLAN AND PROFILE - I-75  
 STA. 921+50 TO STA. 934+00**




**HAN-75-14.39**

501  
2034

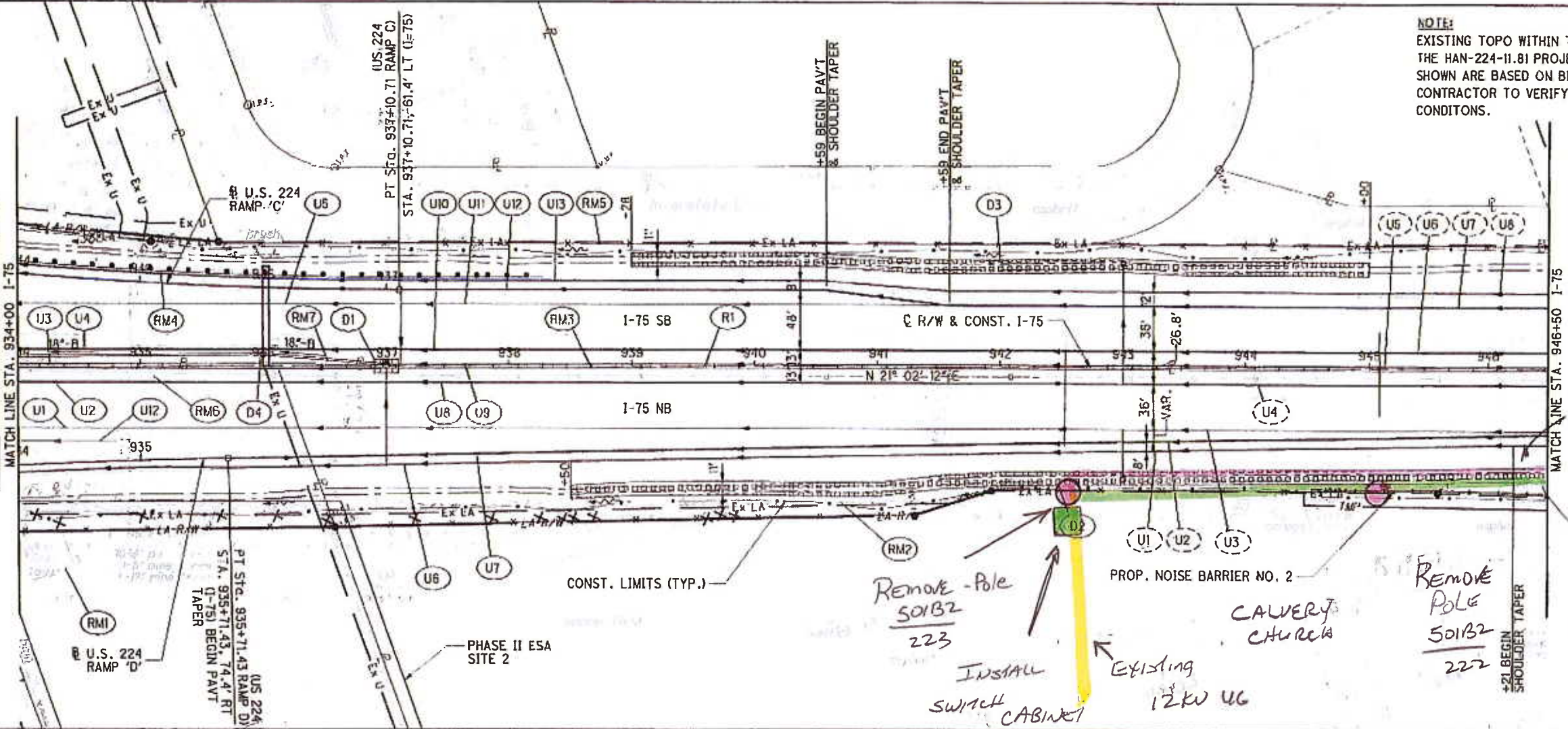
T:\Projects\HAN\87005\roadway\sheet\87005GPO16.dgn 21-AUG-2014 2:10AM redder



**LEGEND**

-  DEP MAT TYPE A
-  HAN-224-11.81 PROJECT LIMITS
-  SEE ADJACENT SHEET

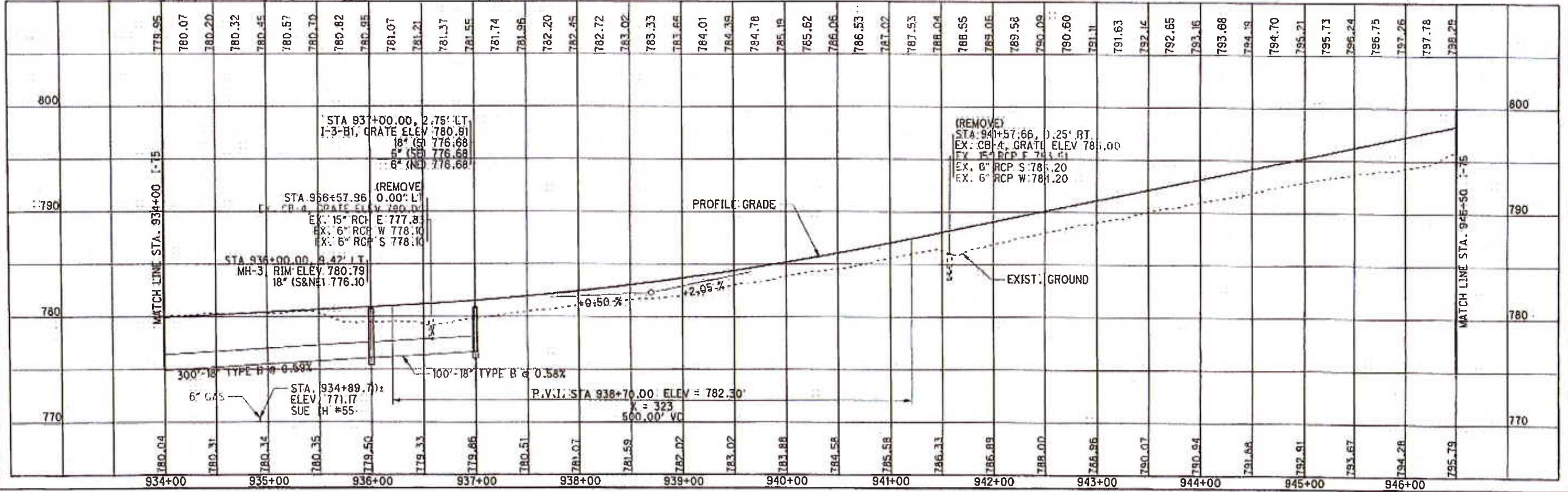
CROSS REFERENCES	
SHEET NO.	DESCRIPTION
	CROSS SECTIONS
	STORM PROFILE
	INTERCHANGE DETAILS
	US 224 RAMP C PLAN & PROFILE
	US 224 RAMP D PLAN & PROFILE
	NOISE BARRIER PLANS
	TRAFFIC CONTROL
430	UNDERDRAIN SUB-SUMMARY
504	ESTIMATED QUANTITIES



**NOTE:**  
 EXISTING TOPO WITHIN THE LIMITS OF THE HAN-224-11.81 PROJECT (PID 84557) SHOWN ARE BASED ON BID PLANS. CONTRACTOR TO VERIFY AS BUILT CONDITIONS.



*Remove OH-12KV*  
*INSTALL 12KV 3Ø UG PRIMARY*  
*Remove POLE 501B2 223*  
*INSTALL SWITCH CABINET*  
*EXISTING 12KV UG*  
*CAVERY CHURCH*



**PLAN AND PROFILE - I-75**  
**STA. 934+00 TO STA. 946+50**

**HAN-75-14.39**

503  
2034

T:\Projects\HAN\87005\roadway\sheet\87005GP017.dgn 21-AUG-2014 2:10AM redder

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	STORM PROFILES		
	NOISE BARRIER PLANS	431	UD SUB-SUMMARY
	TRAFFIC CONTROL	507	ESTIMATED QUANTITIES

LEGEND

- DEP MAT TYPE A
- TIED CONC. BLOCK MAT TYPE 2
- DITCH EROSION PROTECTION

SEE ADJACENT SHEET

Remove 12KW OH

I/NEW 12KW U9

Remove 501B2/221

I/NEW pole with New Poles 501B2/403

PROP. NOISE BARRIER NO. 4

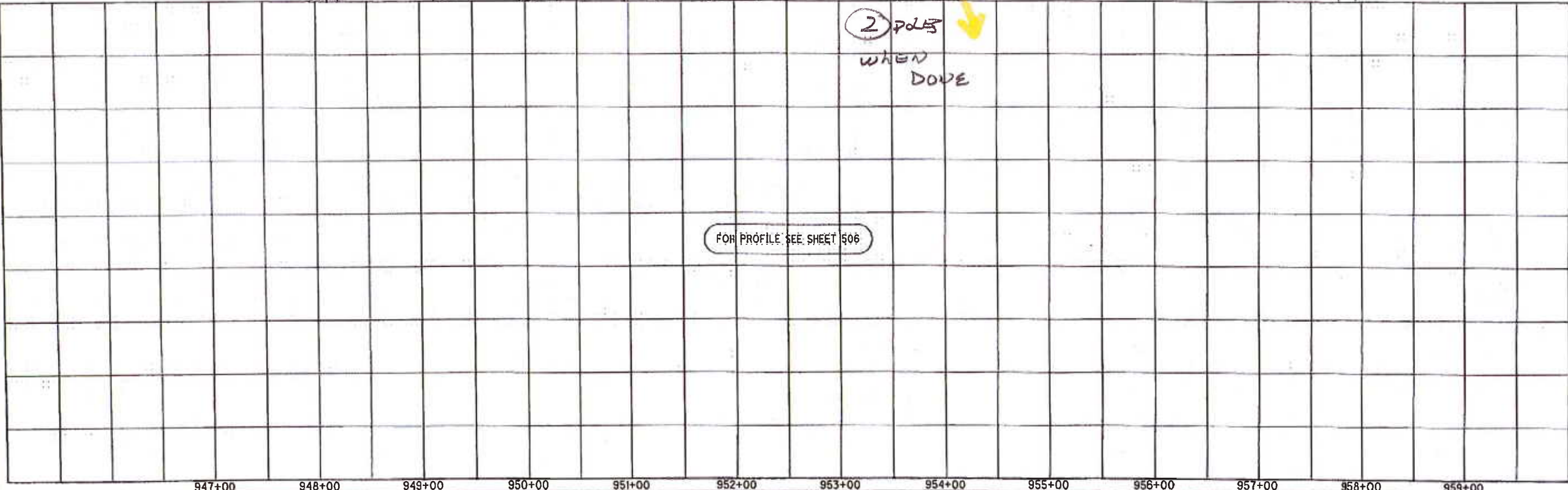
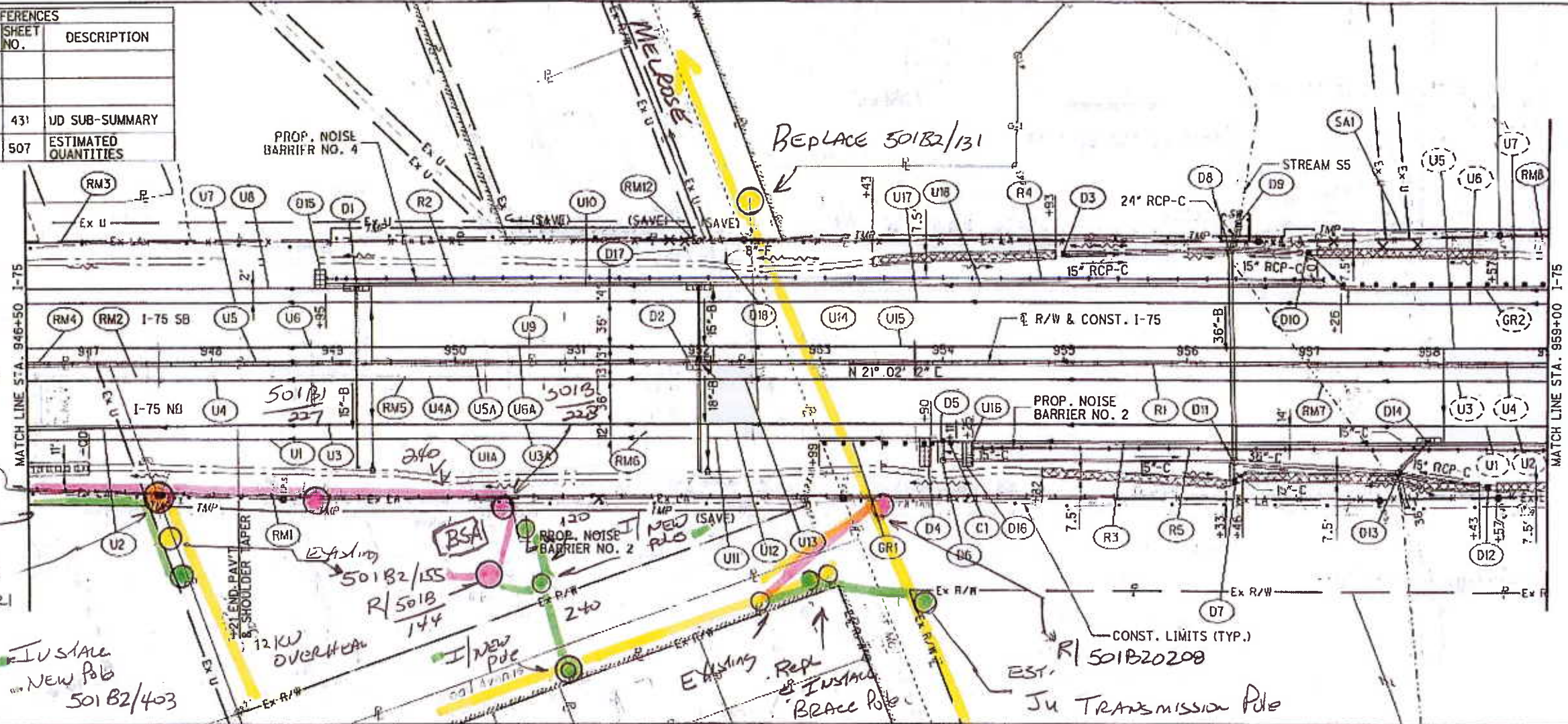
REPLACE 501B2/131

PROP. NOISE BARRIER NO. 2

EST. R/ 501B20208  
JU TRANSMISSION POLE

2 poles when done

FOR PROFILE SEE SHEET 506



T:\Projects\HAN\B7005\roadway\sheet\87005GPO18.dgn 21-AUG-2014 2:10AM redder



PLAN AND PROFILE - I-75  
STA. 946+50 TO STA. 959+00

HAN-75-14.39

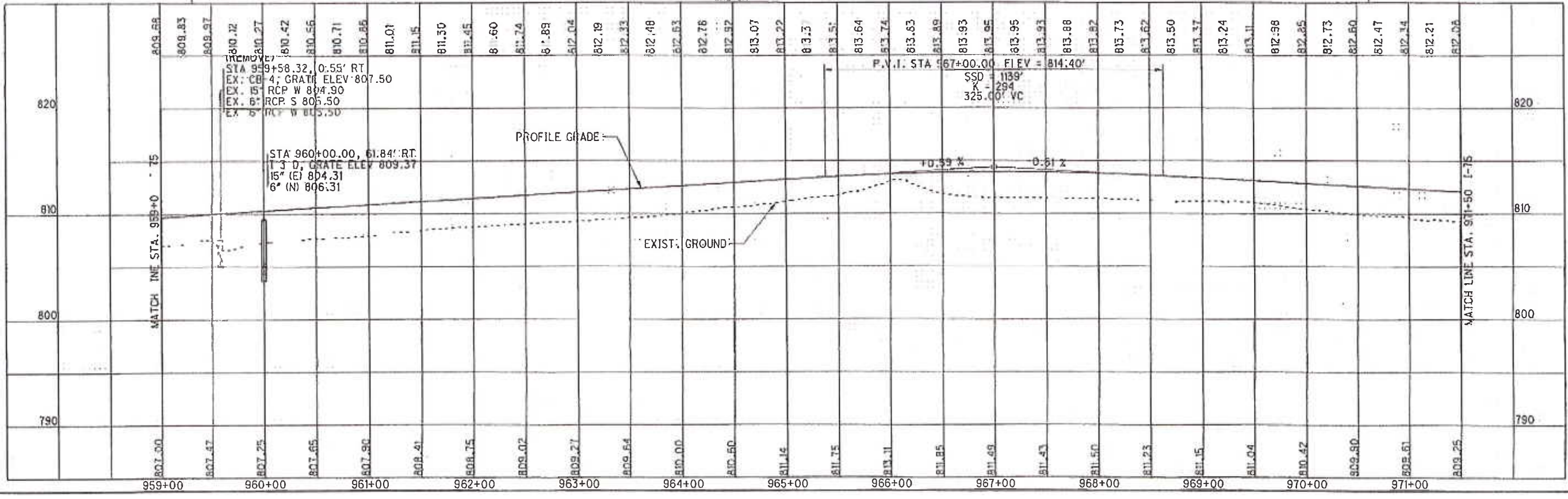
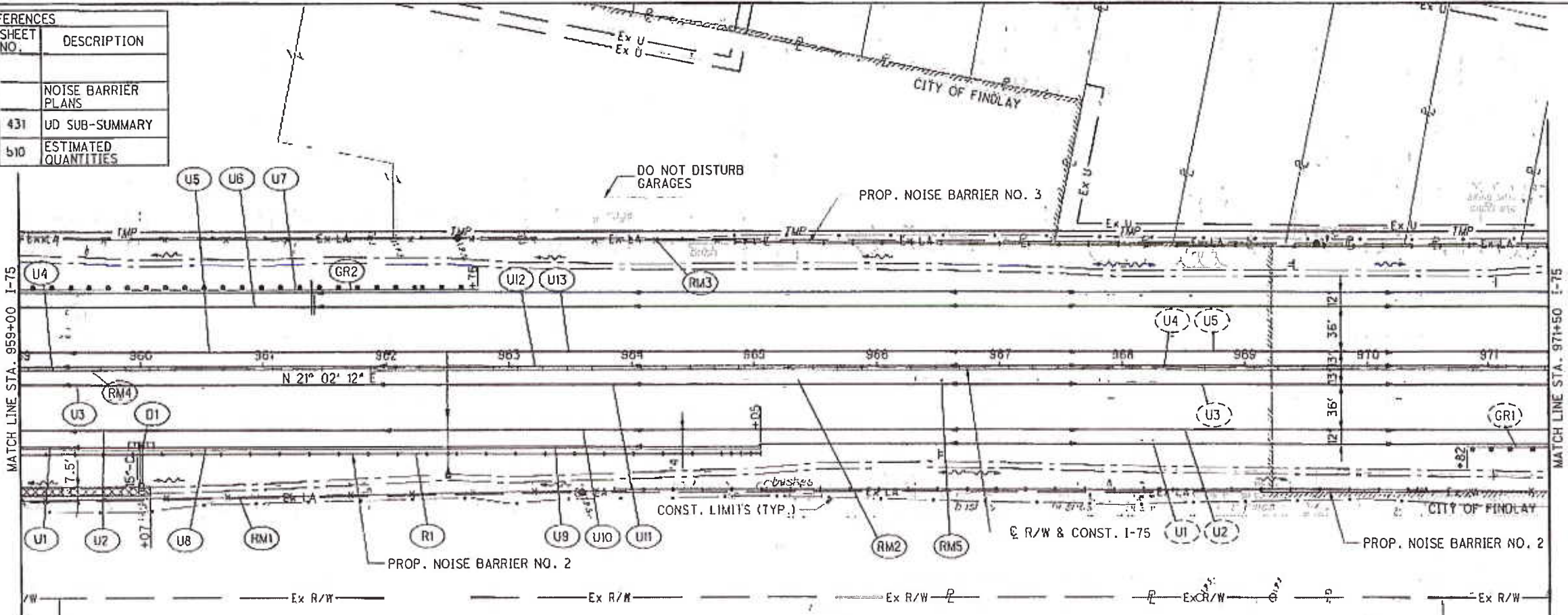
505  
2034

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	STORM PROFILES		NOISE BARRIER PLANS
	TRAFFIC CONTROL PLANS	431	UD SUB-SUMMARY
		510	ESTIMATED QUANTITIES

**LEGEND**

DITCH EROSION PROTECTION

SEE ADJACENT SHEET



HORIZONTAL SCALE IN FEET

CHECKED: ACF

ABS

PLAN AND PROFILE - I-75




STA. 959+00 TO STA. 971+50

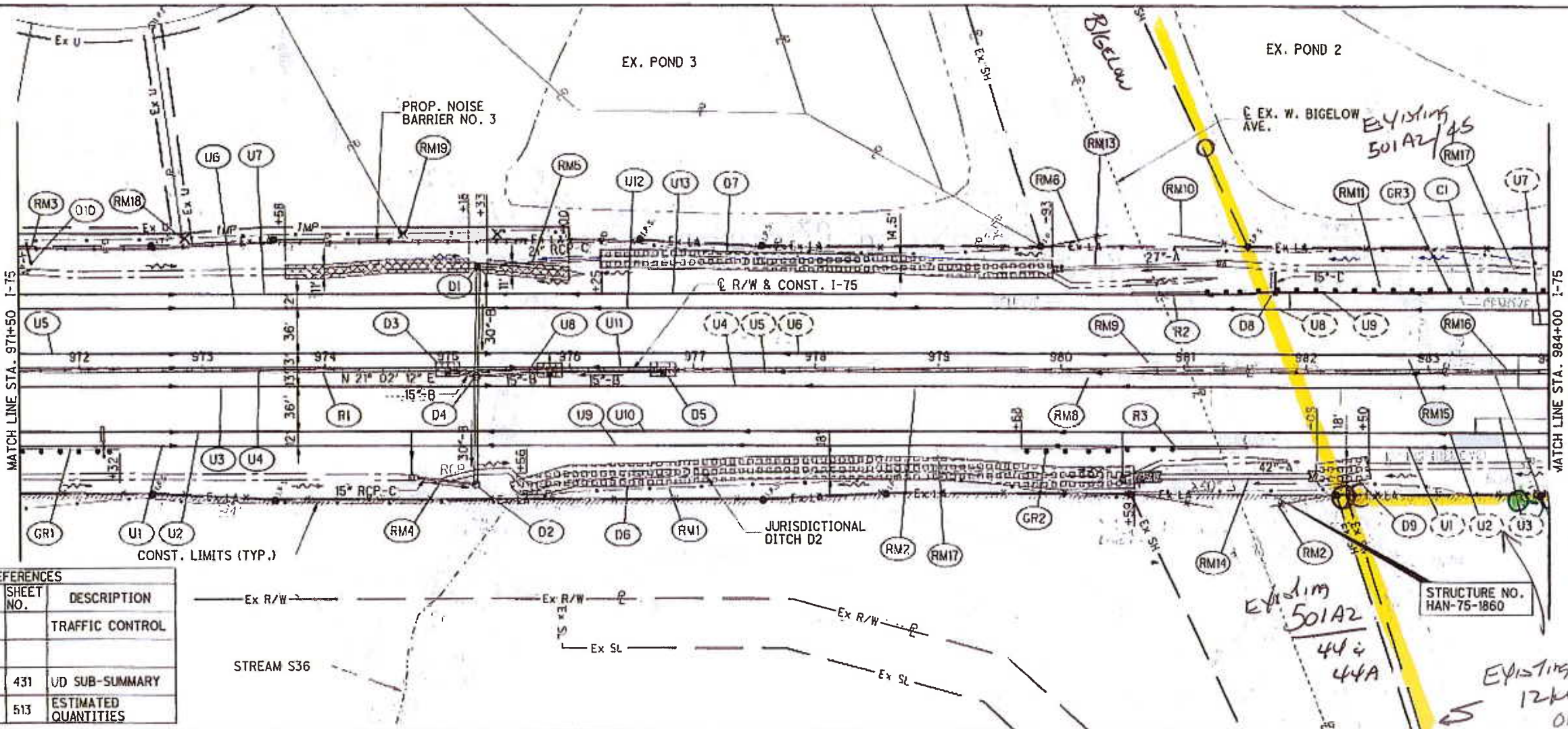
HAN-75-14.39

509
2034

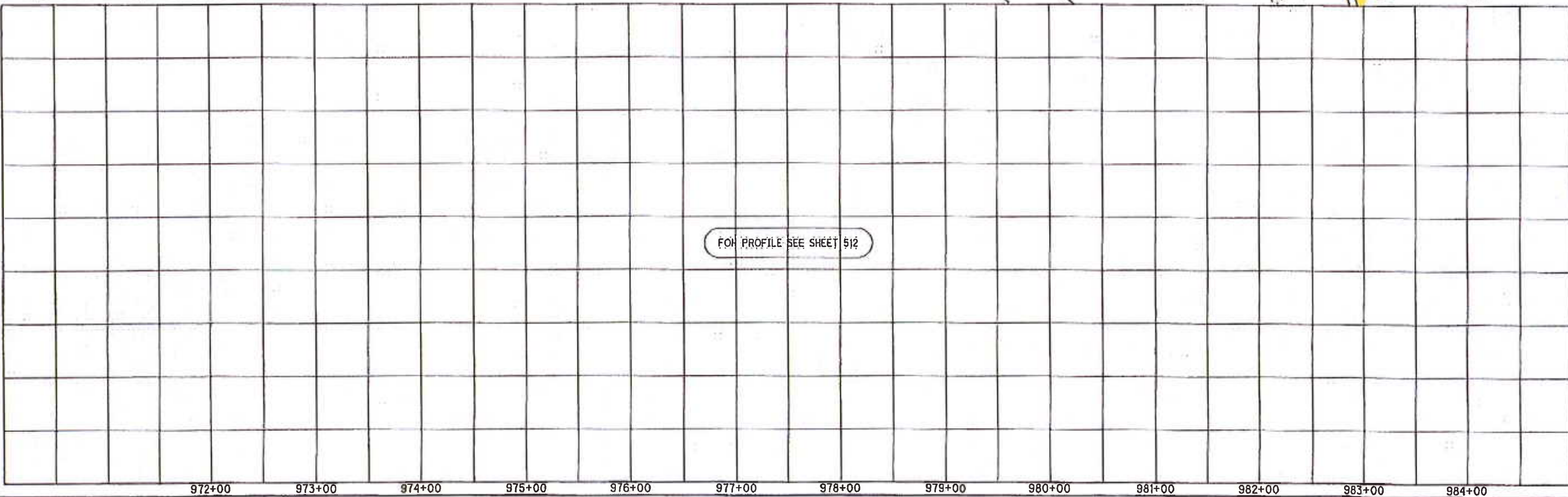
T:\Projects\HAN\87005\roadway\sheet\87005CP019.dwg 21-AUG-2014 2:11AM redderj

**LEGEND**

-  DEP MAT TYPE A
-  DITCH EROSION PROTECTION
-  SEE ADJACENT SHEET



CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		TRAFFIC CONTROL
	STORM PROFILES		
	CULVERT DETAILS	431	UD SUB-SUMMARY
	NOISE BARRIER PLANS	513	ESTIMATED QUANTITIES



  
 HORIZONTAL SCALE IN FEET

CALCULATED	ACF	CHECKED	ABS
------------	-----	---------	-----

**PLAN AND PROFILE - I-75**  
**STA. 971+50 TO STA. 984+00**

**HAN-75-14.39**

511  
 2034

T:\Projects\HAN\87005\roadway\sheets\87005GP020.dgn 21-AUG-2014 2:11AM redder

OVERHEAD Primary Being Removed

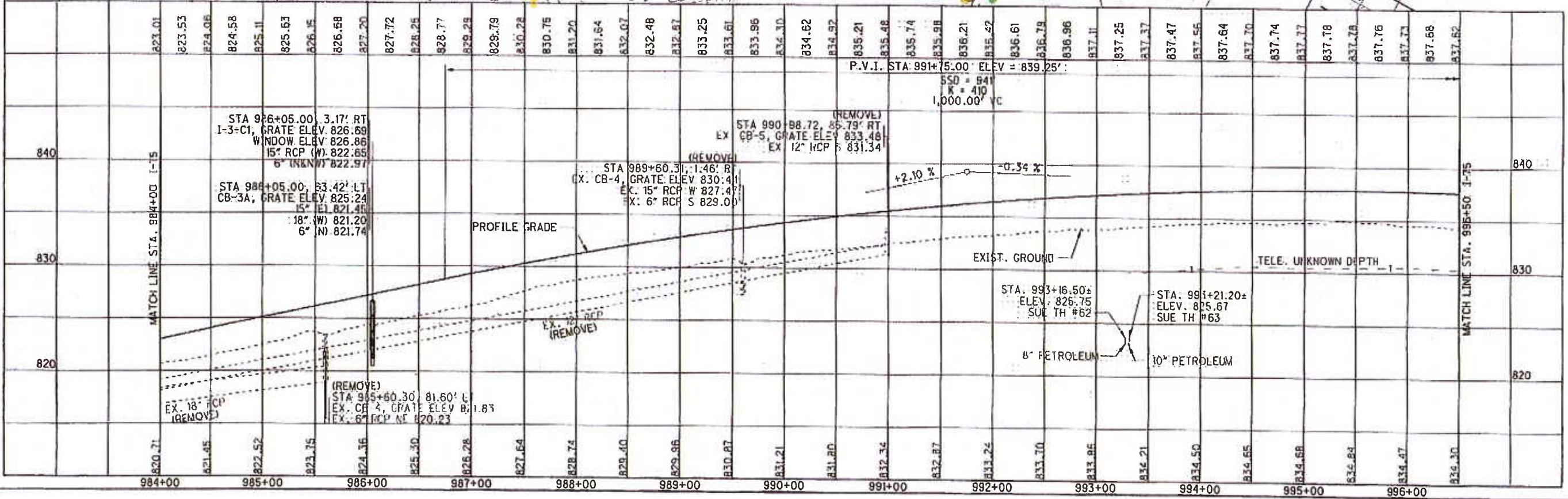
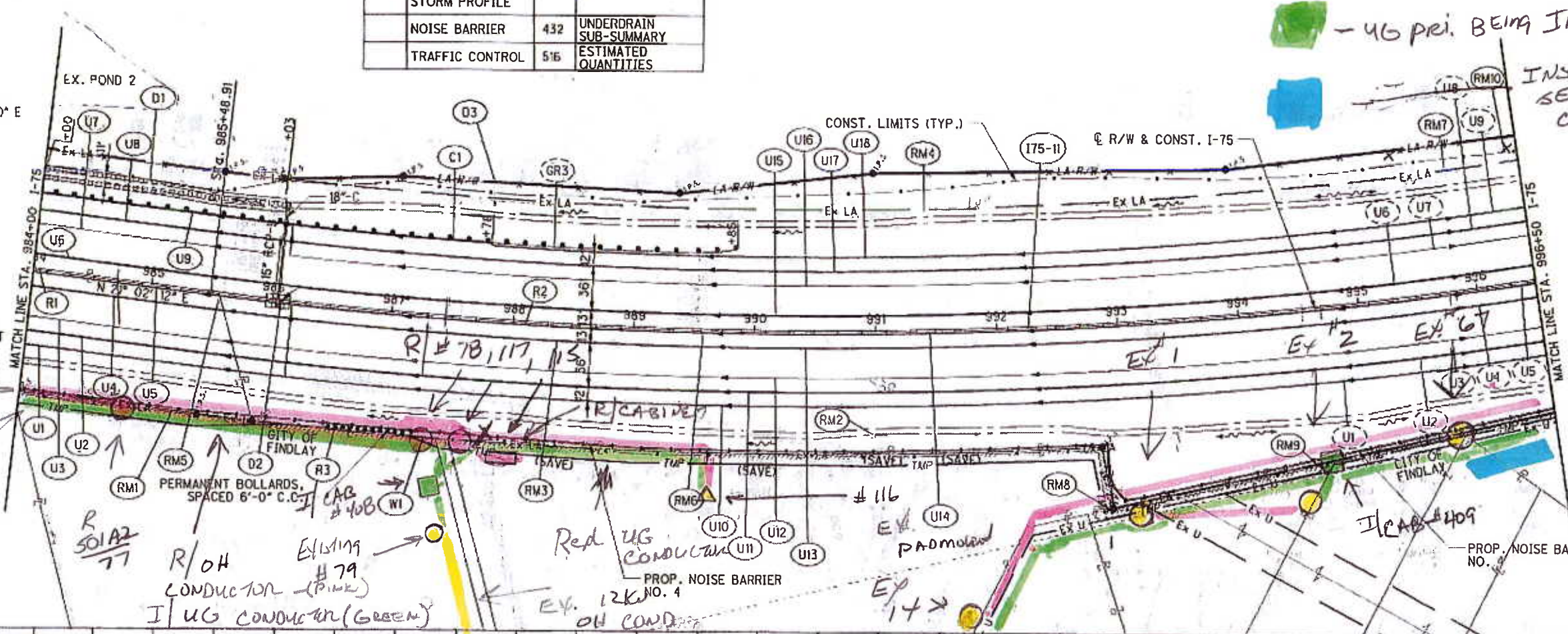
**CURVE 175-11**  
 P.I. Sta. 992+55.20  
 $\Delta = 20^\circ 02' 25''$  (LT)  
 $O_c = 1^\circ 26' 00''$   
 $R = 3,997.38'$   
 $T = 706.30'$   
 $L = 1,398.16'$   
 $E = 61.92'$   
 $C = 1,391.04'$   
 $C.B. = N 11^\circ 01' 00'' E$   
 $e_d = 0.044$

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	STORM PROFILE		
	NOISE BARRIER	432	UNDERDRAIN SUB-SUMMARY
	TRAFFIC CONTROL	515	ESTIMATED QUANTITIES

● EXISTING POLES  
■ - 46 pri. BEING INSTALLED  
■ INSTALL SECONDARY CONDUCTOR



**LEGEND**  
 DEP MAT TYPE A  
 SEE ADJACENT SHEET  
 R/OH LINE  
 I/UG 12KV PRIMARY



PLAN AND PROFILE - I-75  
 STA. 984+00 TO STA. 996+50

HAN-75-14.39

515  
 2034

T:\Projects\HAN\87005\roadway\sheet\87005GP021.dgn 21-AUG-2014 2:11AM redder

**CURVE 175-II**  
 P.I. Sta. 992+55.20  
 $\Delta = 20^\circ 02' 25''$  (LT)  
 $D_c = 1^\circ 26' 00''$   
 $R = 3,997.38'$   
 $T = 706.30'$   
 $L = 1,398.16'$   
 $E = 61.92'$   
 $C = 1,391.04'$   
 $C.B. = N 11^\circ 01' 00'' E$   
 $e_d = 0.044$

**LEGEND**

- POTENTIAL BAT TREE
- SEE ADJACENT SHEET

CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	STORM PROFILES		
	NOISE BARRIER	432	UNDERDRAIN SUB-SUMMARY
	TRAFFIC CONTROL	520	ESTIMATED QUANTITIES

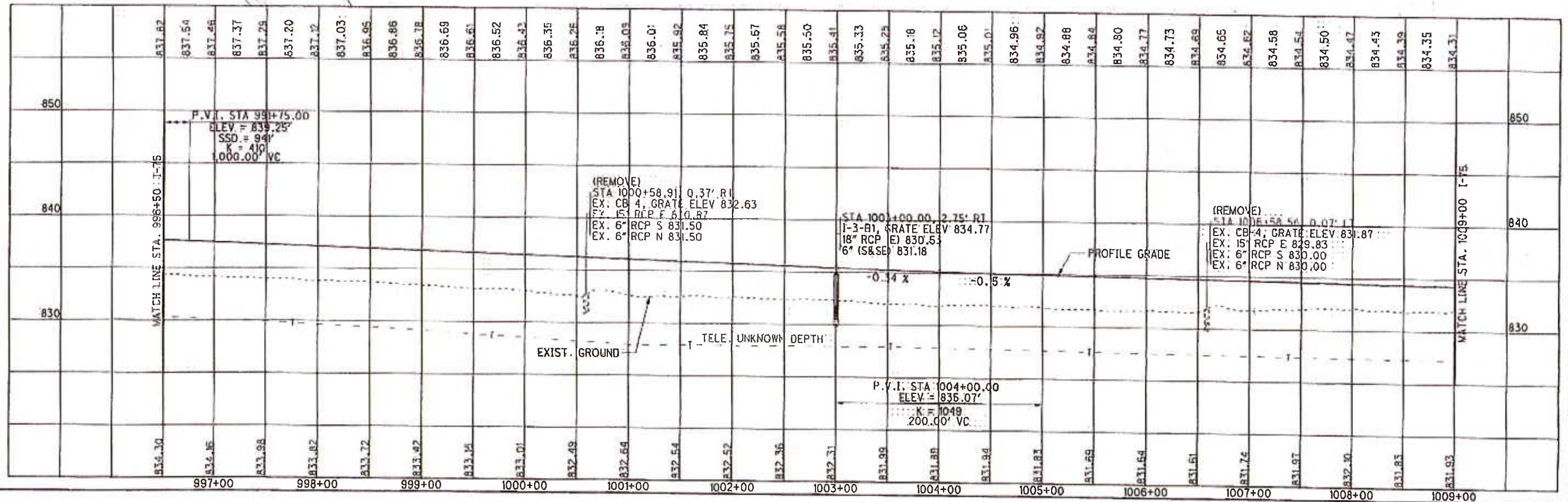
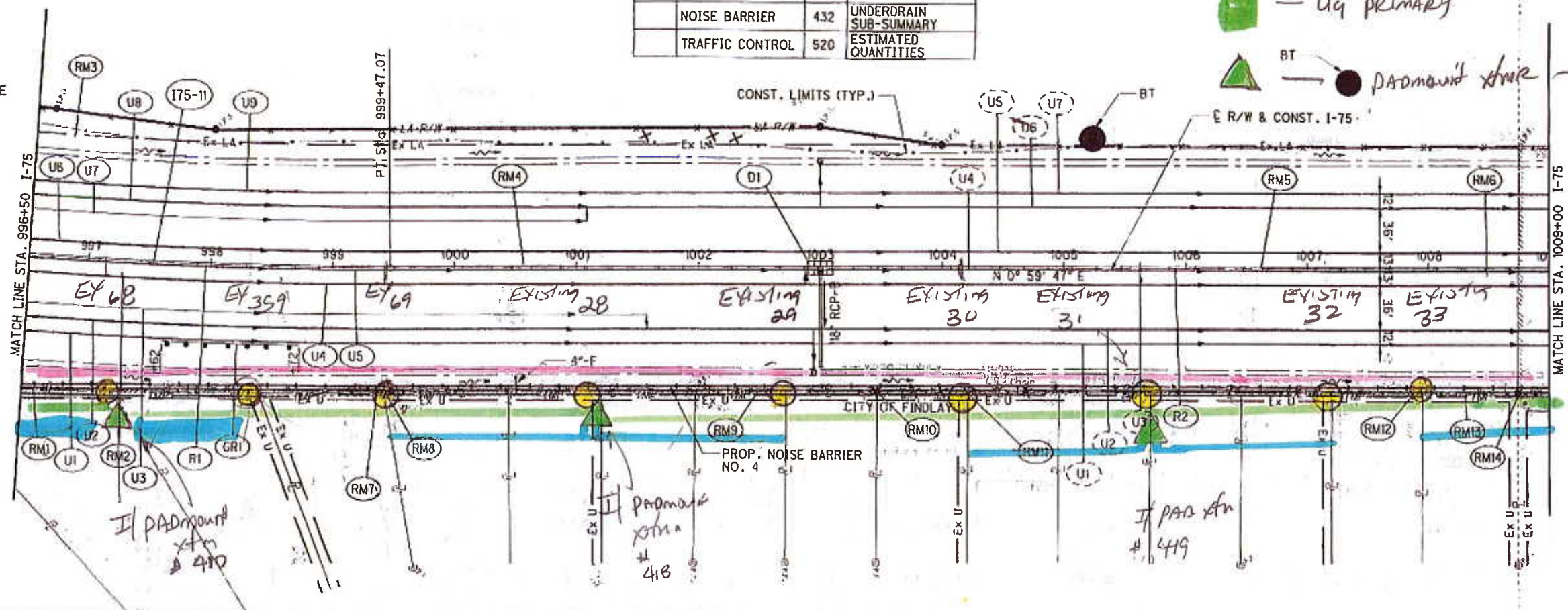
*INSTALL 240V SECONDARY*

*OH PRIMARY BEING REMOVED*

*EXISTING POLES*

*U4 PRIMARY*

*BT PADMOUNT AMP - INSTALL*



**PLAN AND PROFILE - I-75  
 STA. 996+50 TO STA. 1009+00**

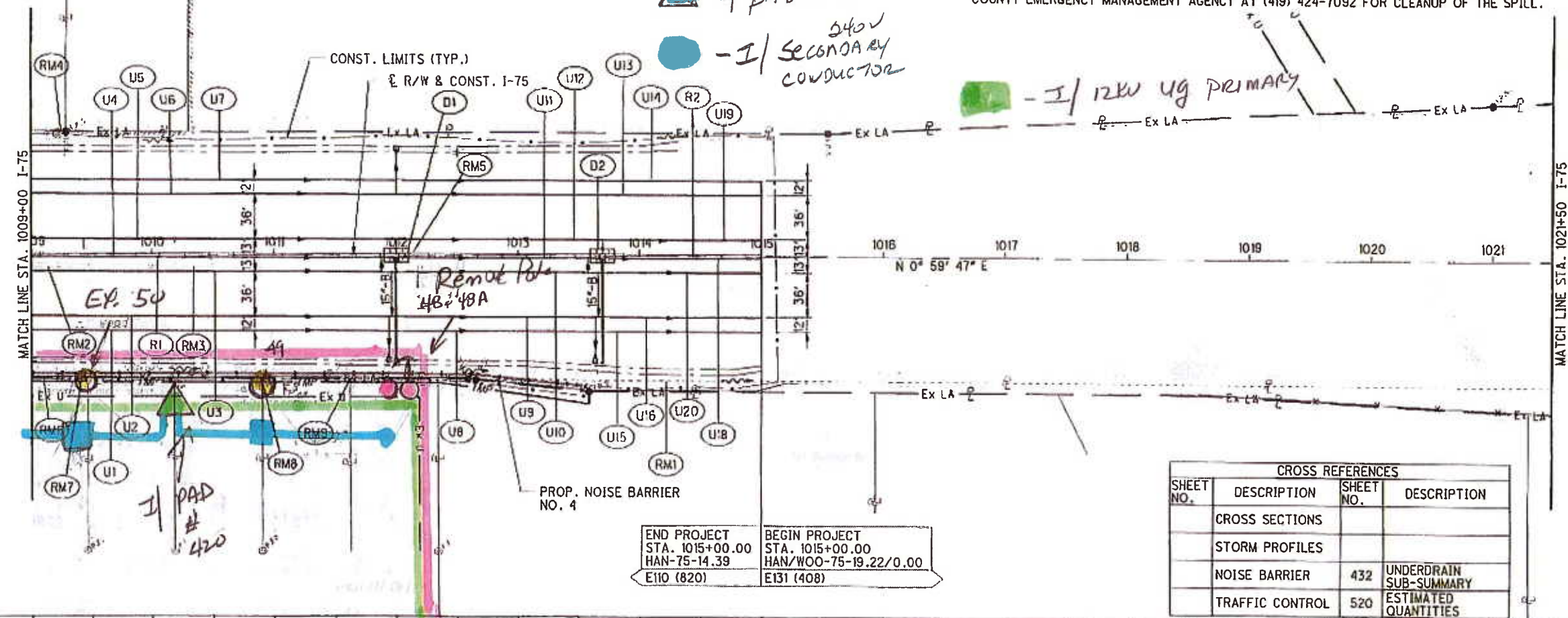
**HAN-75-14.39**

517  
2034

**REMOVE OVERHEAD PRIMARY**

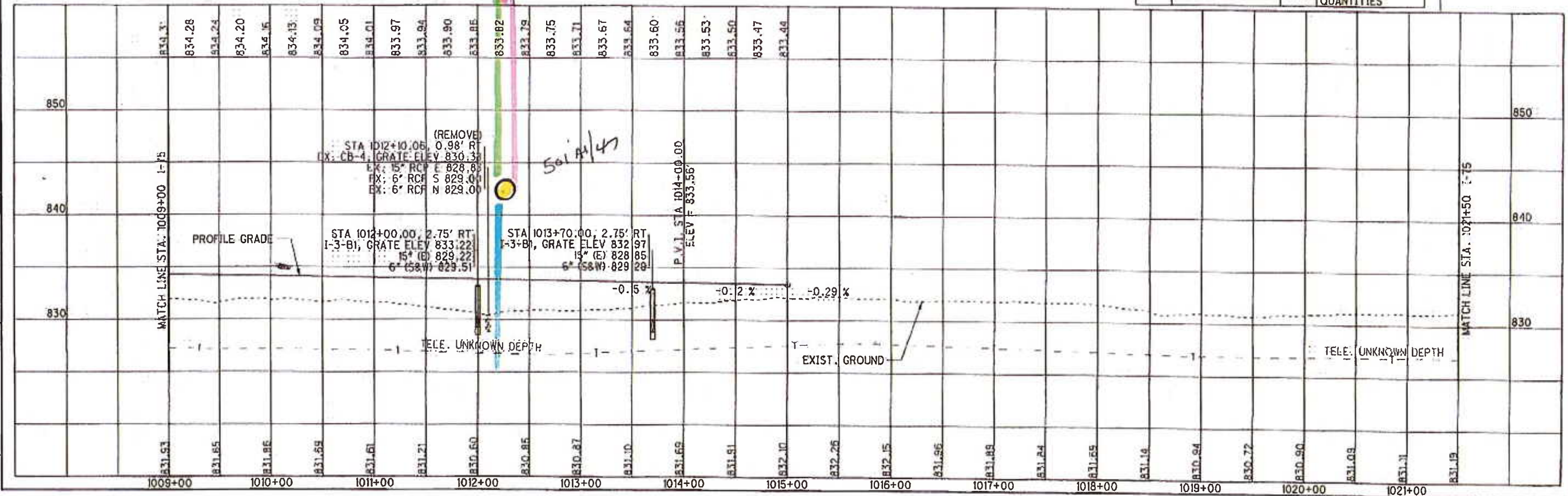
- EXISTING
- ▲ I/PAD FOUND STAP
- - I/ SECONDARY CONDUCTOR
- - I/ 12KV UG PRIMARY

NOTE:  
 THE PROJECT IS LOCATED NEAR THE CITY OF FINDLAY'S DRINKING WATER SOURCE AREA. IN ORDER TO MINIMIZE THE POTENTIAL FOR A RELEASE IN THIS SENSITIVE AREA, PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL NOT BE PERFORMED FROM STA. 745+12.56 TO STA. 770+00 AND STA. 1010+00 TO 1015+00. SPILLS OF FUELS, OILS, CHEMICALS OR OTHER MATERIALS WHICH COULD POSE A THREAT TO THE DRINKING WATER SOURCE AREA SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. IF THE SPILL IS A REPORTABLE AMOUNT, THE CONTRACTOR SHOULD CONTACT THE EMERGENCY MANAGEMENT COORDINATOR AT THE HANCOCK COUNTY EMERGENCY MANAGEMENT AGENCY AT (419) 424-7092 FOR CLEANUP OF THE SPILL.



CROSS REFERENCES			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
	CROSS SECTIONS		
	STORM PROFILES		
	NOISE BARRIER	432	UNDERDRAIN SUB-SUMMARY
	TRAFFIC CONTROL	520	ESTIMATED QUANTITIES

T:\Projects\HAN\87005\roadway\sheet\87005GP023.dgn 21-AUG-2014 2:11AM redderj



HORIZONTAL SCALE IN FEET

REGULATED BY ADF CHECKED BY ABS

**PLAN AND PROFILE - I-75**

**STA. 1009+00 TO STA. 1021+50**

**HAN-75-14.39**

518  
2034