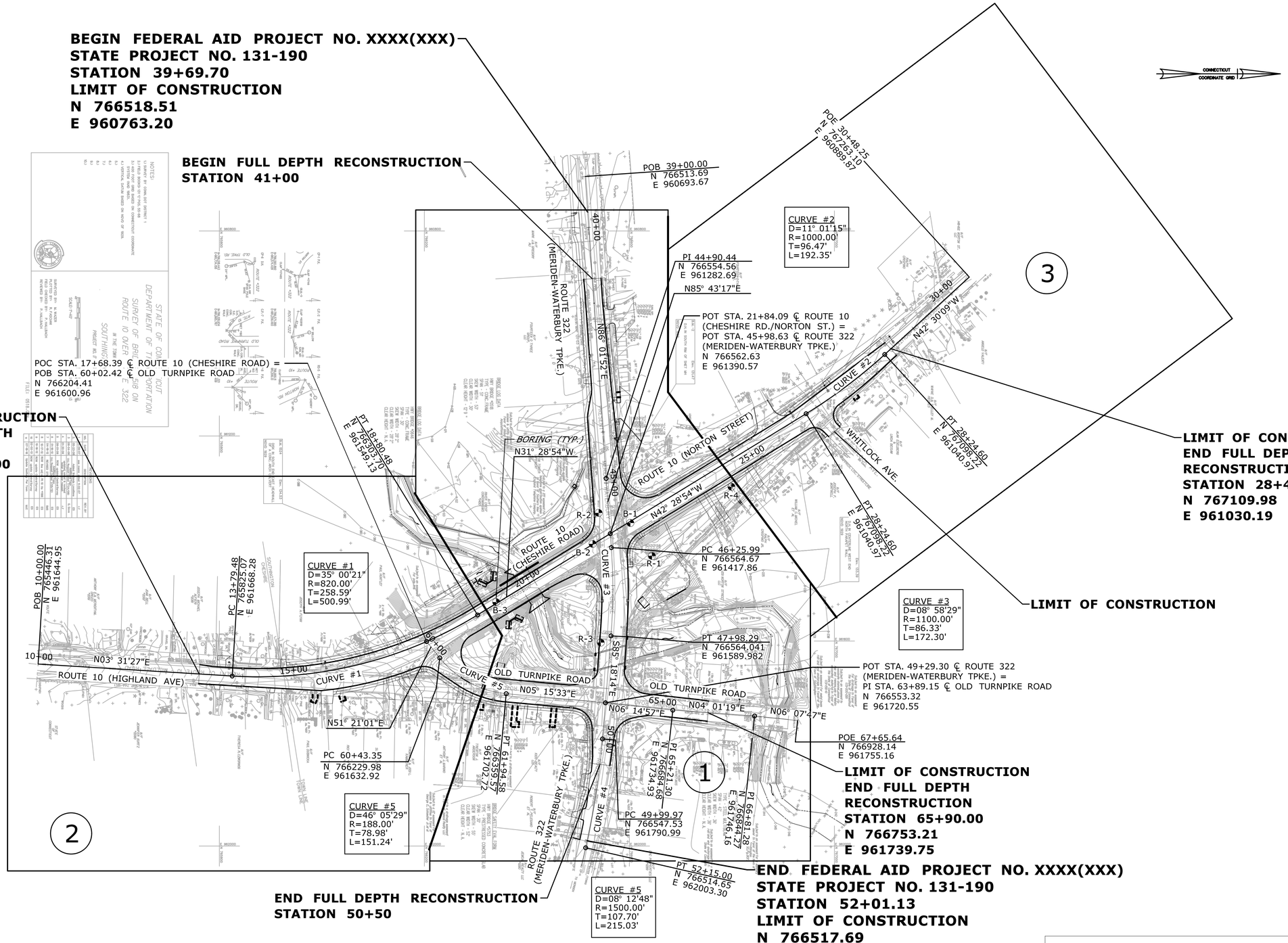


FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/8/2017

DESIGNER/DRAFTER: J. SKYMBA
CHECKED BY: K.SOLLOWAY
SCALE IN FEET 0 100 200
SCALE 1"=100'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_INX-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE: REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: SOUTHINGTON

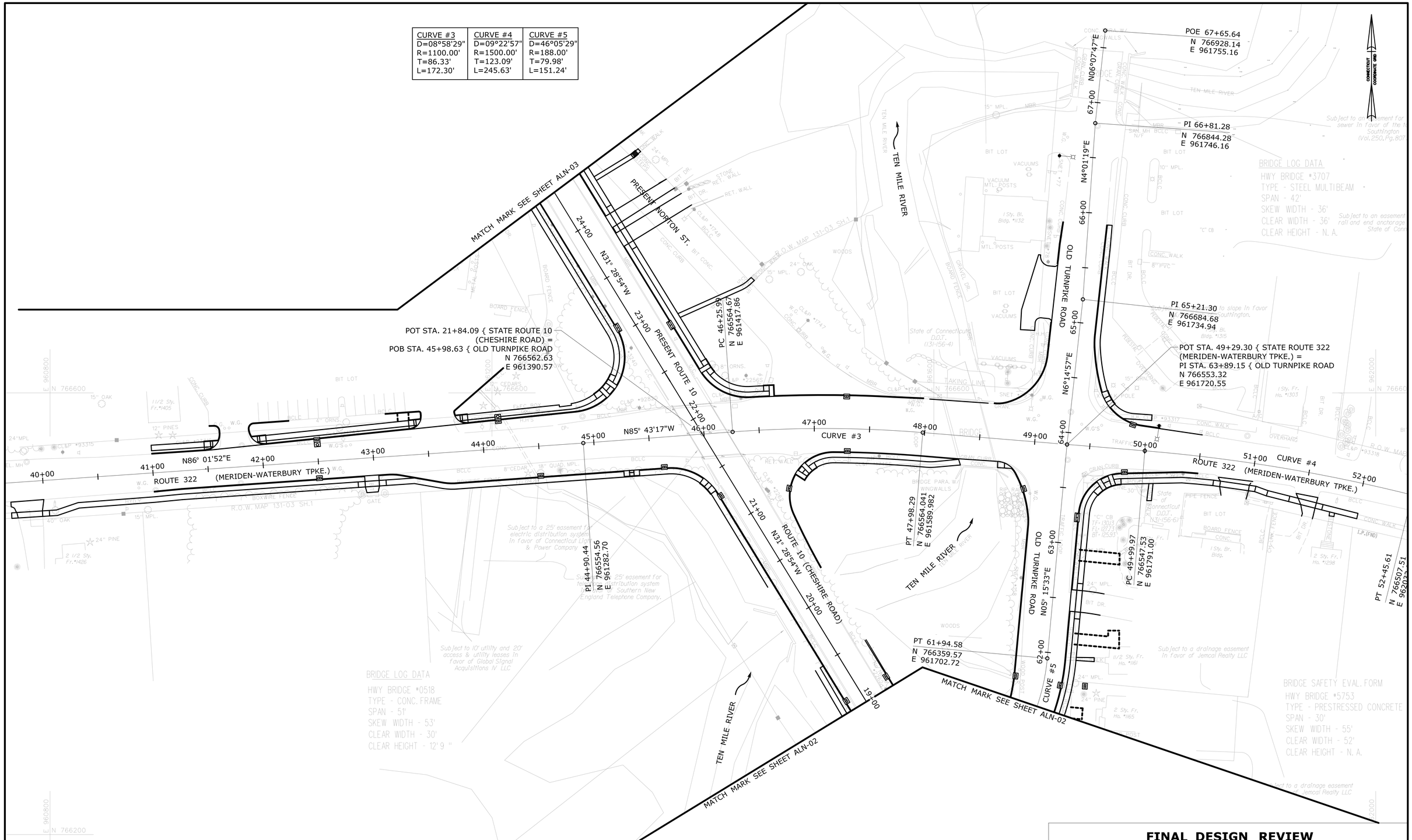
DRAWING TITLE: INDEX PLAN

PROJECT NO. 131-190

DRAWING NO. INX-01

SHEET NO.

CURVE #3	CURVE #4	CURVE #5
D=08°58'29"	D=09°22'57"	D=46°05'29"
R=1100.00'	R=1500.00'	R=188.00'
T=86.33'	T=123.09'	T=79.98'
L=172.30'	L=245.63'	L=151.24'



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**

CHECKED BY: **K.SOLLOWAY**

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_ALN-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE: **REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322**

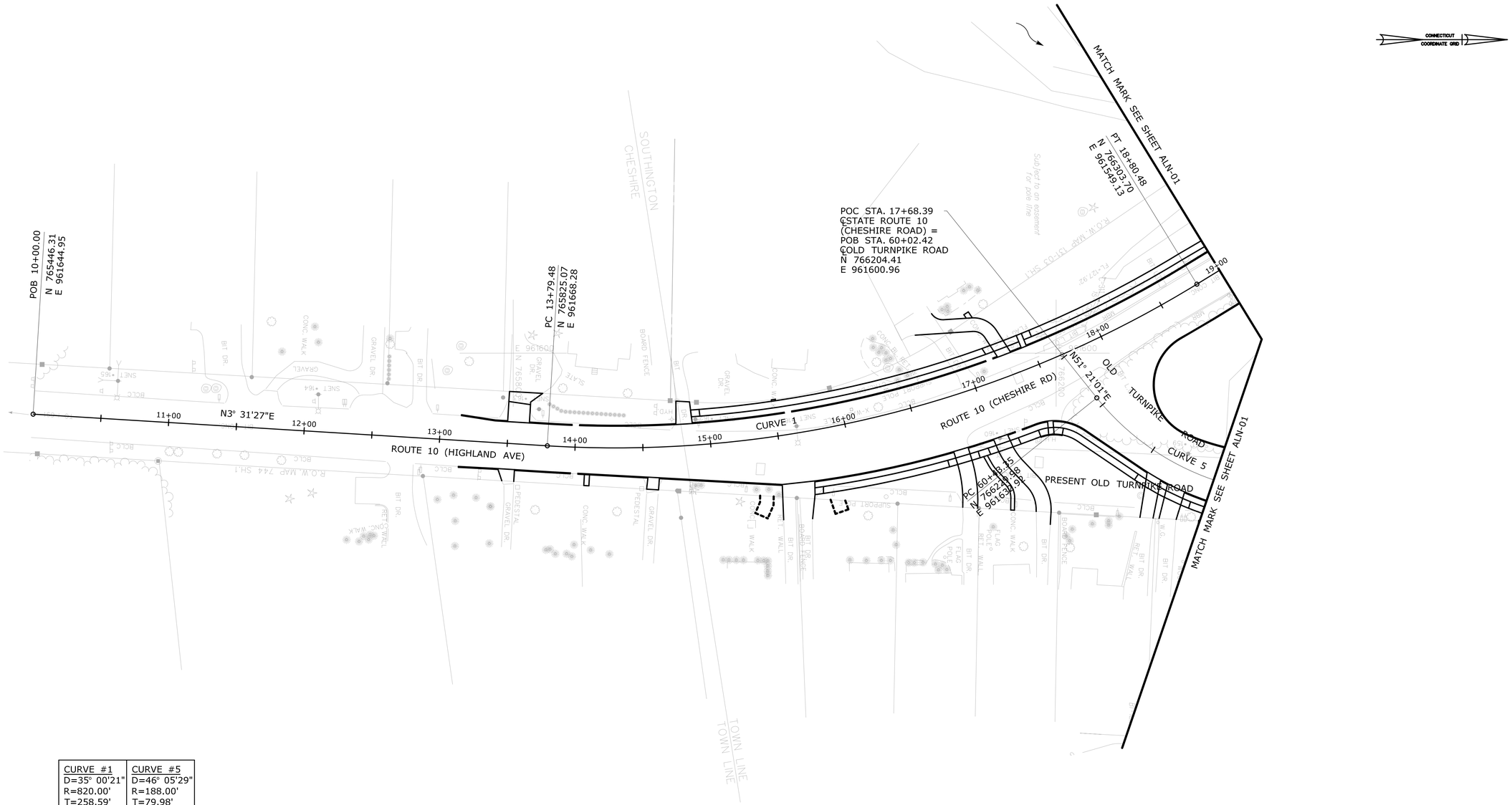
TOWN: **SOUTHINGTON**

DRAWING TITLE: **ALIGNMENT-GEOMETRY PLAN**

PROJECT NO. **131-190**

DRAWING NO. **ALN-01**

SHEET NO.



CURVE #1	CURVE #5
D=35° 00'21"	D=46° 05'29"
R=820.00'	R=188.00'
T=258.59'	T=79.98'
L=500.99'	L=151.24'

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**

CHECKED BY: **K.SOLLOWAY**

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_ALN-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

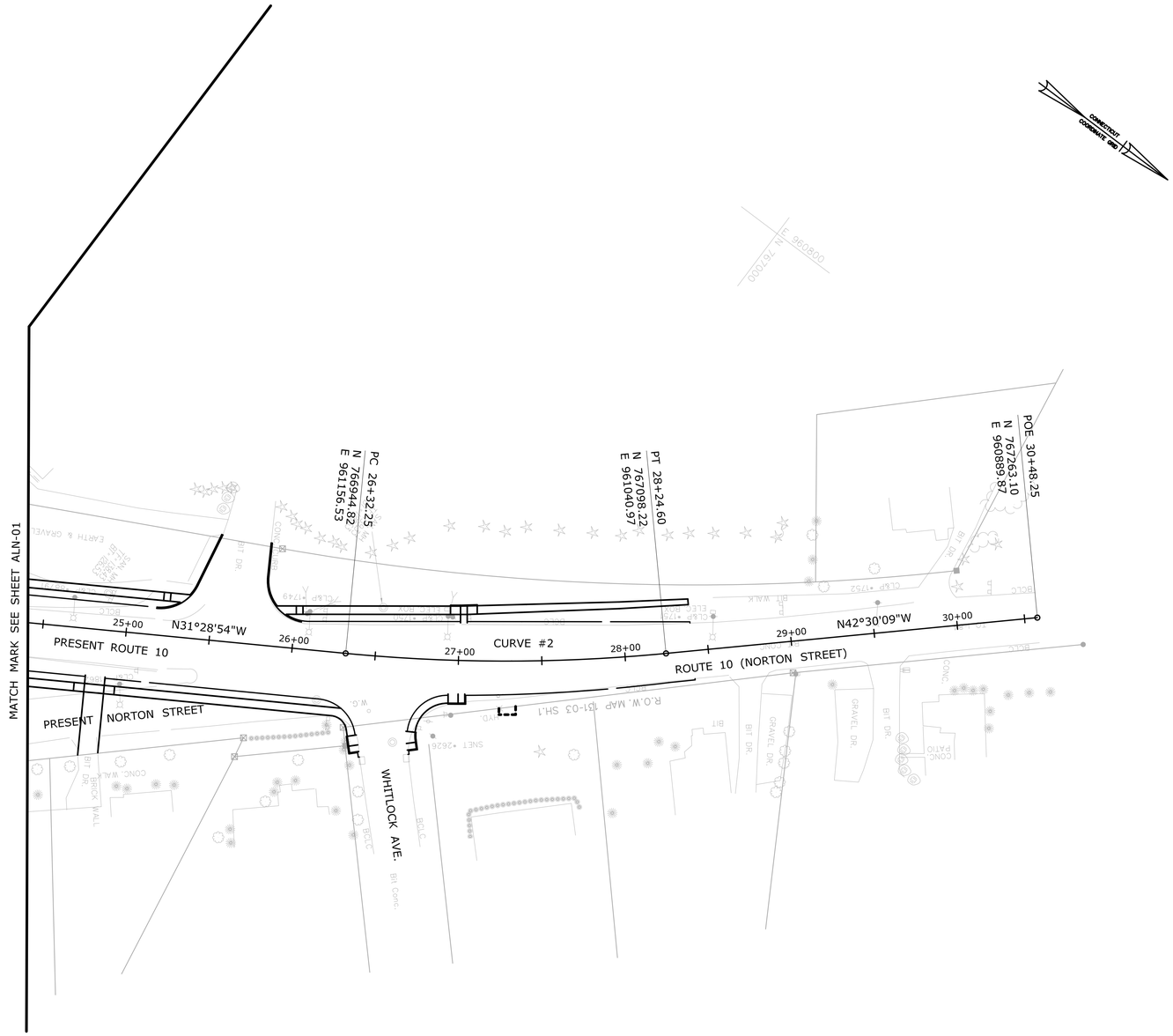
DRAWING TITLE: **ALIGNMENT-GEOMETRY PLAN**

PROJECT NO. **131-190**

DRAWING NO. **ALN-02**

SHEET NO.

CURVE #2
D=11° 01'15"
R=1000.00'
T=96.47'
L=192.35'



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLLOWAY**
SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_ALN-01.dgn

SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

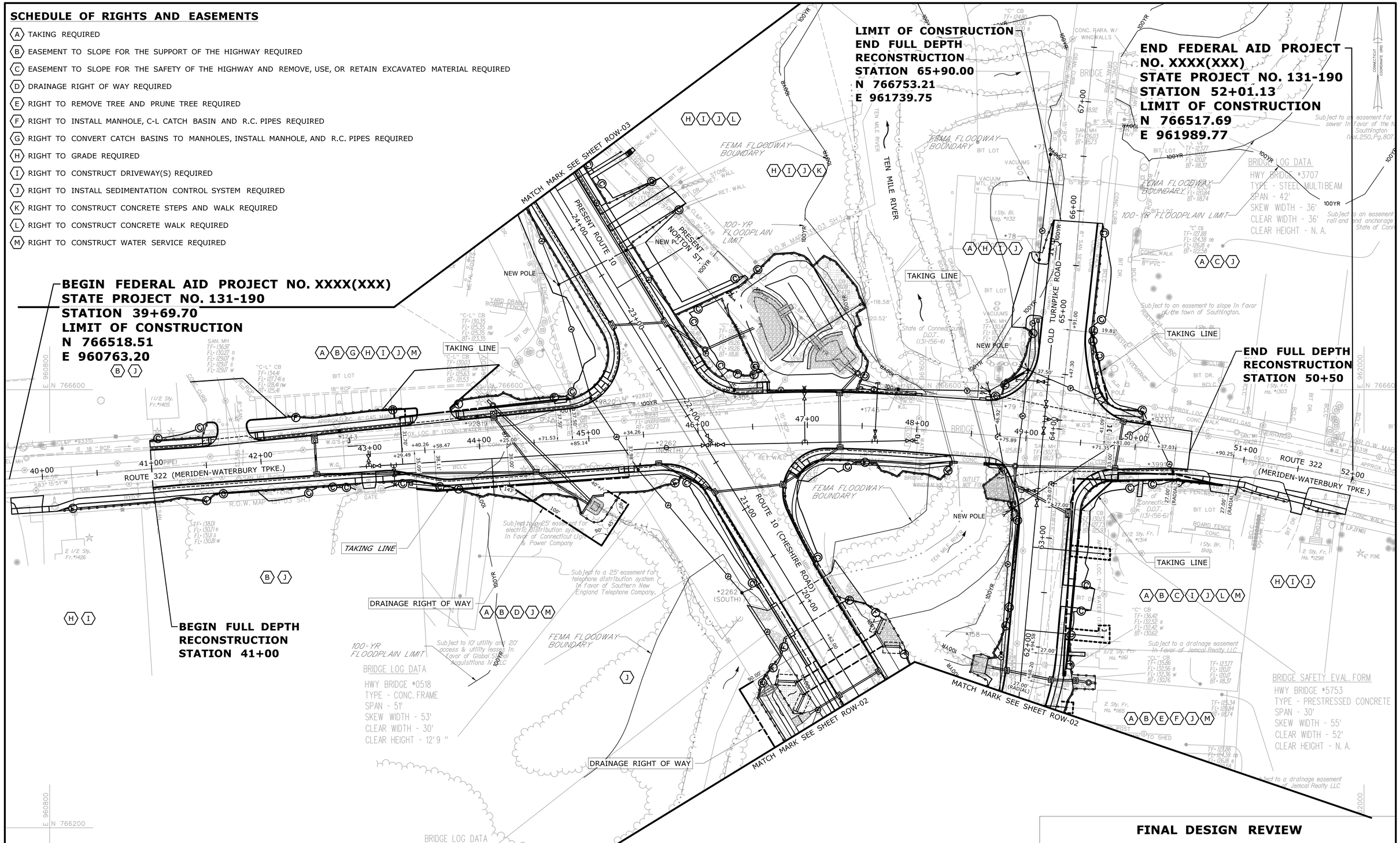
TOWN: **SOUTHINGTON**

DRAWING TITLE: **ALIGNMENT-GEOMETRY PLAN**

PROJECT NO. **131-1990**
DRAWING NO. **ALN-03**
SHEET NO.

SCHEDULE OF RIGHTS AND EASEMENTS

- (A) TAKING REQUIRED
- (B) EASEMENT TO SLOPE FOR THE SUPPORT OF THE HIGHWAY REQUIRED
- (C) EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY AND REMOVE, USE, OR RETAIN EXCAVATED MATERIAL REQUIRED
- (D) DRAINAGE RIGHT OF WAY REQUIRED
- (E) RIGHT TO REMOVE TREE AND PRUNE TREE REQUIRED
- (F) RIGHT TO INSTALL MANHOLE, C-L CATCH BASIN AND R.C. PIPES REQUIRED
- (G) RIGHT TO CONVERT CATCH BASINS TO MANHOLES, INSTALL MANHOLE, AND R.C. PIPES REQUIRED
- (H) RIGHT TO GRADE REQUIRED
- (I) RIGHT TO CONSTRUCT DRIVEWAY(S) REQUIRED
- (J) RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
- (K) RIGHT TO CONSTRUCT CONCRETE STEPS AND WALK REQUIRED
- (L) RIGHT TO CONSTRUCT CONCRETE WALK REQUIRED
- (M) RIGHT TO CONSTRUCT WATER SERVICE REQUIRED



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K. SOLLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_ROW-01.dgn

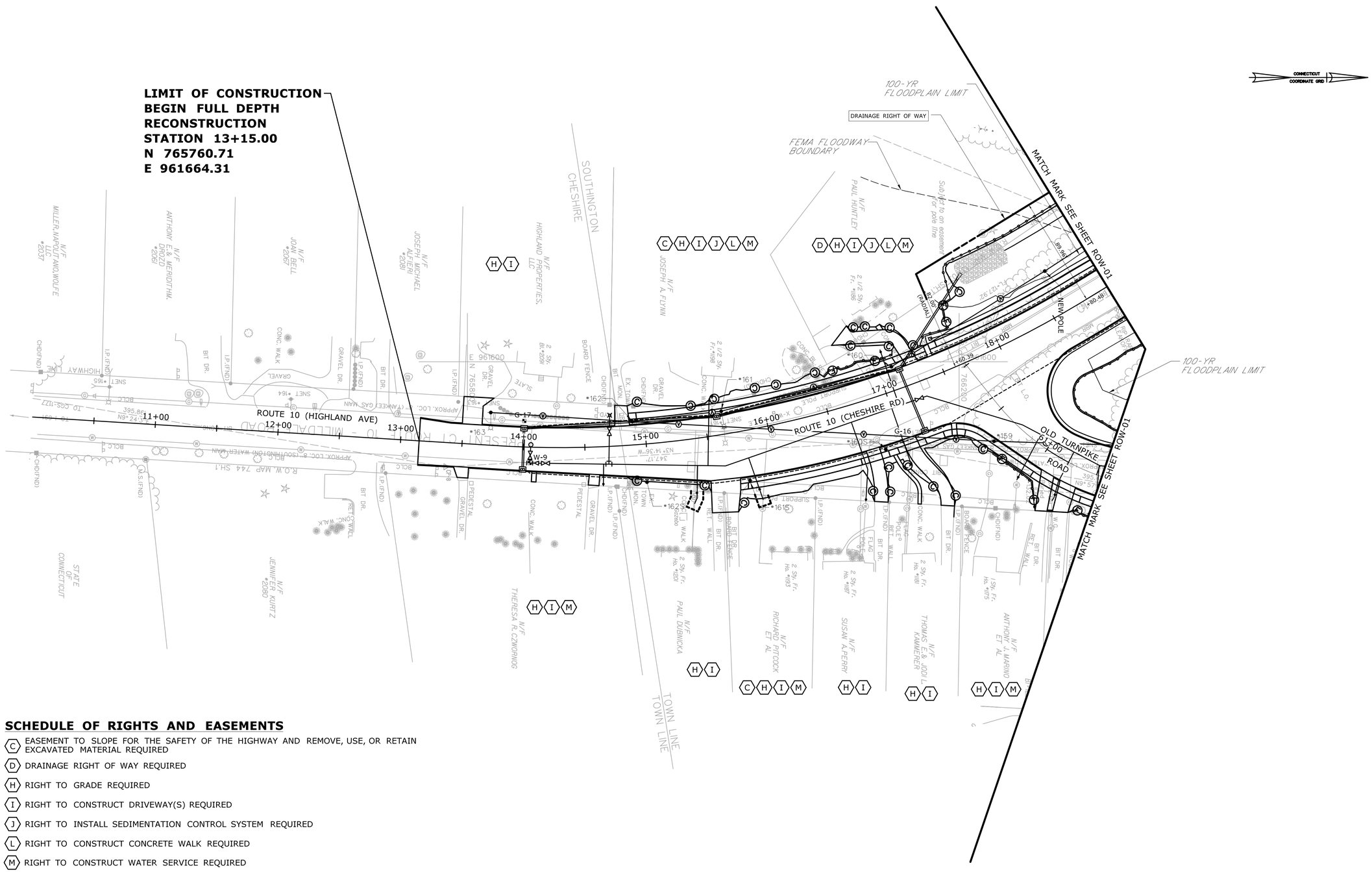
SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **RIGHT OF WAY PLAN**

PROJECT NO. **131-190**
DRAWING NO. **ROW-01**
SHEET NO.



SCHEDULE OF RIGHTS AND EASEMENTS

- (C) EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY AND REMOVE, USE, OR RETAIN EXCAVATED MATERIAL REQUIRED
- (D) DRAINAGE RIGHT OF WAY REQUIRED
- (H) RIGHT TO GRADE REQUIRED
- (I) RIGHT TO CONSTRUCT DRIVEWAY(S) REQUIRED
- (J) RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
- (L) RIGHT TO CONSTRUCT CONCRETE WALK REQUIRED
- (M) RIGHT TO CONSTRUCT WATER SERVICE REQUIRED

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K. SOLLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_ROW-01.dgn

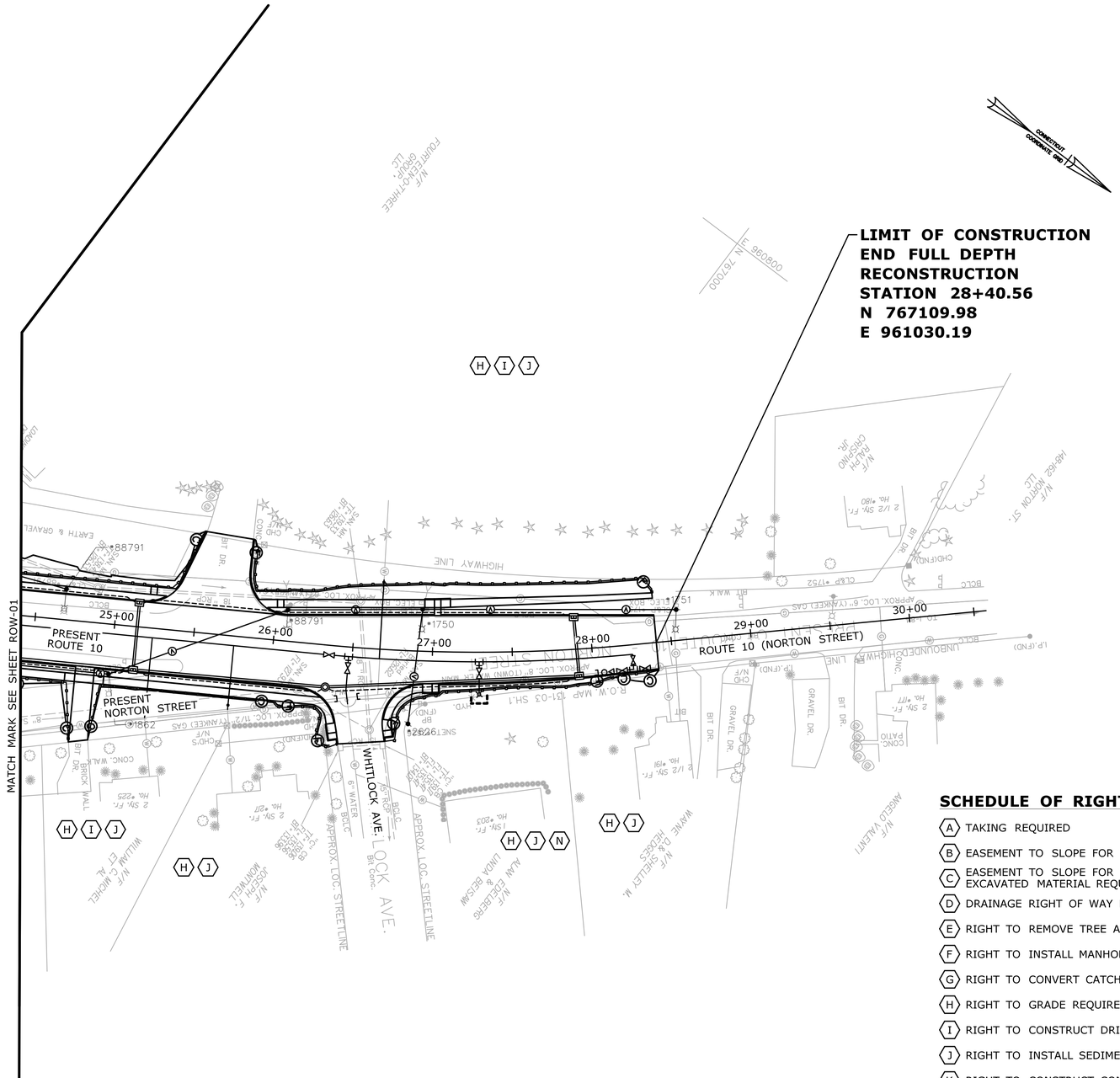
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **RIGHT OF WAY PLAN**

PROJECT NO. **131-190**
DRAWING NO. **ROW-02**
SHEET NO.



SCHEDULE OF RIGHTS AND EASEMENTS

- (A) TAKING REQUIRED
- (B) EASEMENT TO SLOPE FOR THE SUPPORT OF THE HIGHWAY REQUIRED
- (C) EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY AND REMOVE, USE, OR RETAIN EXCAVATED MATERIAL REQUIRED
- (D) DRAINAGE RIGHT OF WAY REQUIRED
- (E) RIGHT TO REMOVE TREE AND PRUNE TREE REQUIRED
- (F) RIGHT TO INSTALL MANHOLE, C-L CATCH BASIN AND R.C. PIPES REQUIRED
- (G) RIGHT TO CONVERT CATCH BASINS TO MANHOLES, INSTALL MANHOLE, AND R.C. PIPES REQUIRED
- (H) RIGHT TO GRADE REQUIRED
- (I) RIGHT TO CONSTRUCT DRIVEWAY(S) REQUIRED
- (J) RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
- (K) RIGHT TO CONSTRUCT CONCRETE STEPS AND WALK REQUIRED
- (L) RIGHT TO CONSTRUCT CONCRETE WALK REQUIRED
- (N) RIGHT TO CONSTRUCT WATER HYDRANT REQUIRED

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K. SOLLOWAY**
SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW.MSH.0131.0190.03.ROW-01.dgn

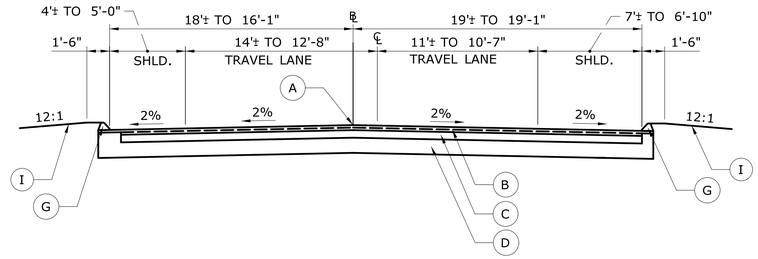
SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

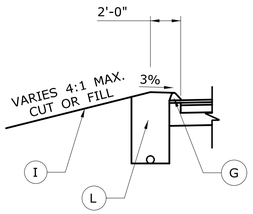
DRAWING TITLE: **RIGHT OF WAY PLAN**

PROJECT NO. **131-190**
DRAWING NO. **ROW-03**
SHEET NO.

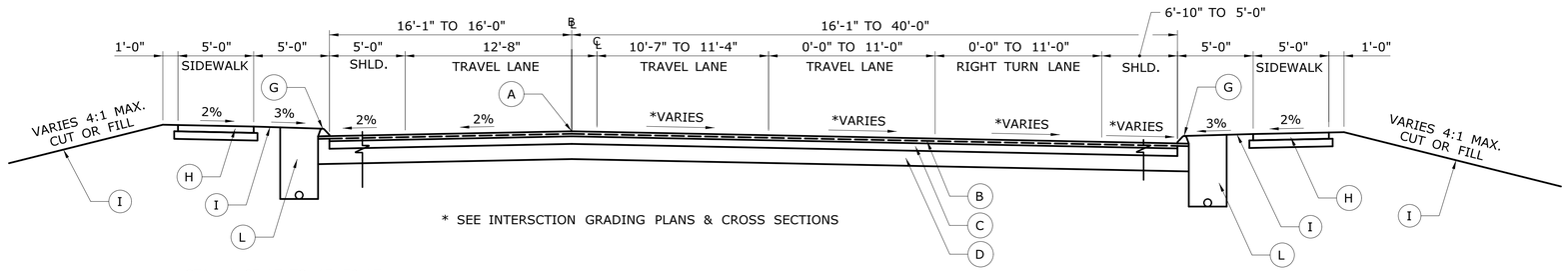


TYPICAL CROSS SECTION ROUTE 10

STA. 13+15 TO 14+00

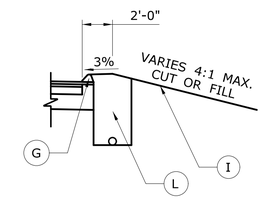


STA. 14+00 LT TO 14+87 LT



STA. 14+87 LT TO 17+50 LT

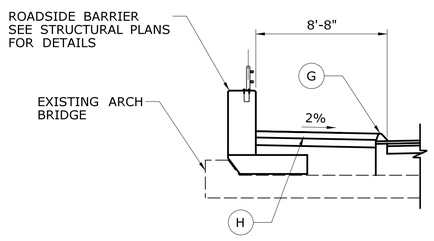
STA. 15+70 LT TO 17+50 LT



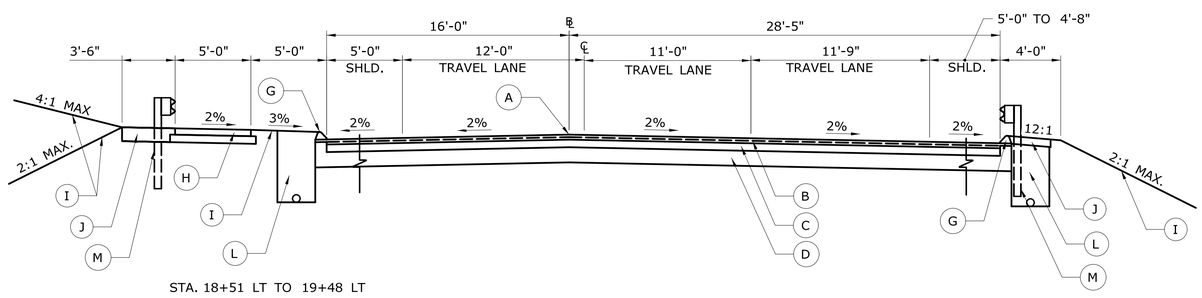
STA. 14+00 RT TO 15+70 RT

TYPICAL CROSS SECTION ROUTE 10

STA. 14+00 TO 17+31

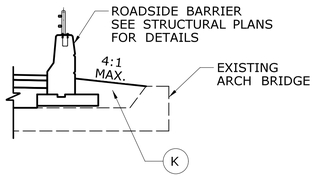


STA. 19+48 LT TO 20+35 LT



STA. 18+51 LT TO 19+48 LT

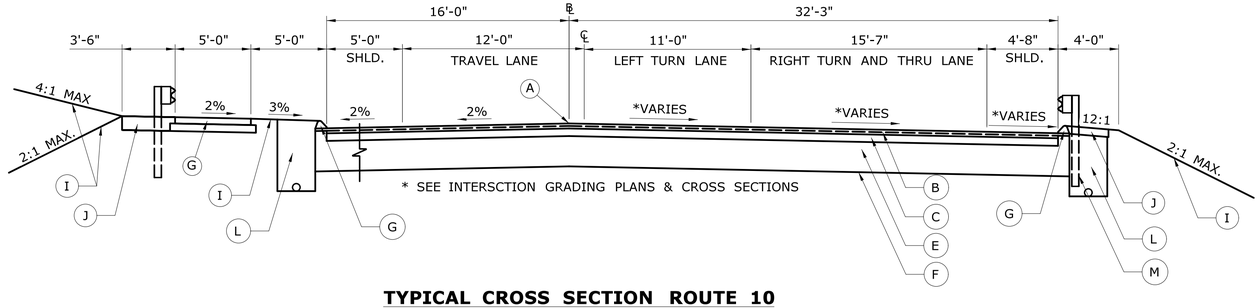
STA. 18+51 RT TO 19+48 RT



STA. 19+48 RT TO STA. 20+25 RT

TYPICAL CROSS SECTION ROUTE 10

STA. 18+51 TO 20+35



TYPICAL CROSS SECTION ROUTE 10

STA. 20+35 TO STA. 20+80

LEGEND

- (A) POINT OF APPLICATION OF GRADE
- (B) 4" HMA S0.5 (IN TWO EQUAL LIFTS ON)
- (C) 6" HMA S1.0 (IN TWO EQUAL LIFTS)
- (D) 12" OF PROCESSED AGGREGATE BASE (TWO EQUAL LIFTS)
- (E) 24" OF PROCESSED AGGREGATE BASE (FOUR EQUAL LIFTS ON GEOTEXTILE)
- (F) GEOTEXTILE FABRIC FOR SEPARATION
- (G) 6" BITUMINOUS CONCRETE LIP CURB
- (H) CONCRETE SIDEWALK
- (I) 4" TOPSOIL AND TURF ESTABLISHMENT
- (J) 6" PROCESSED AGGREGATE UNDER RAIL
- (K) PROCESSED AGGREGATE
- (L) 6" UNDERDRAIN
- (M) METAL BEAM RAIL (R-B 350)

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**

CHECKED BY: **K.SOLLOWAY**

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_TYP-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **TYPICAL SECTIONS**

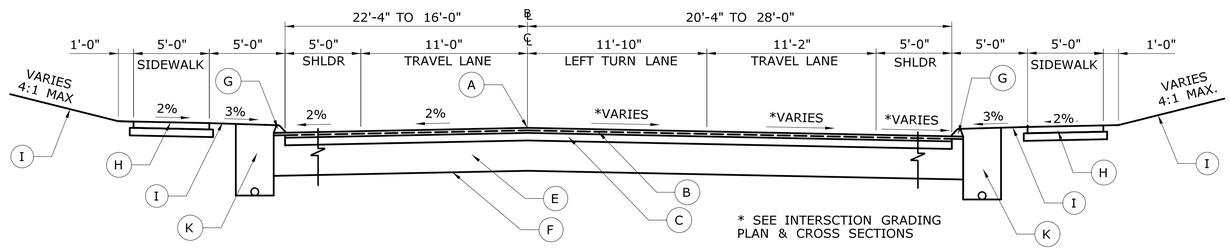
PROJECT NO. **131-190**

DRAWING NO. **TYP-01**

SHEET NO.

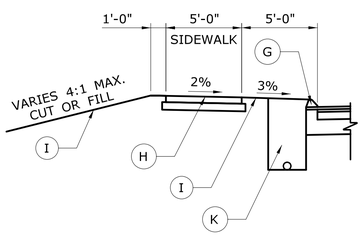
TYPICAL CROSS SECTION ROUTE 10

ROUTE 10 & ROUTE 322 INTERSECTION
STA. 20+80 TO STA. 23+06
SEE CONSTRUCTION AND INTERSECTION GRADING PLANS

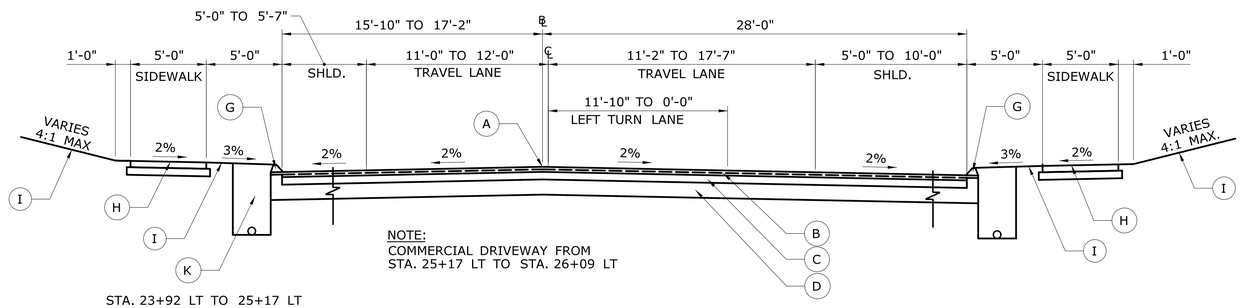


TYPICAL CROSS SECTION ROUTE 10

STA. 23+06 TO 23+92



STA. 26+09 LT TO 26+19 LT



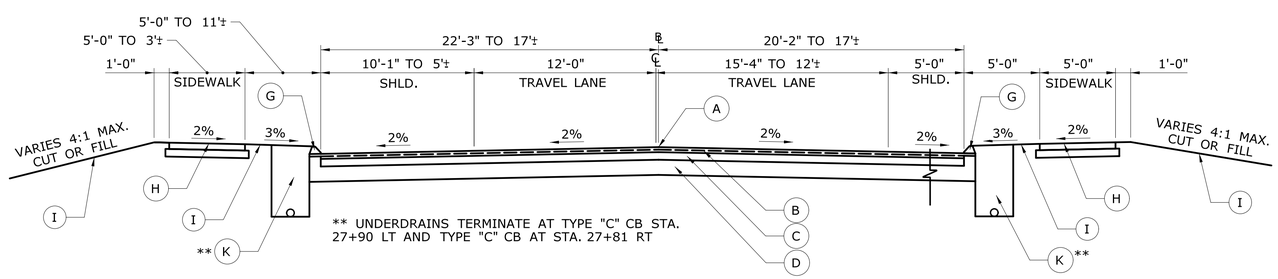
STA. 23+92 LT TO 25+17 LT

TYPICAL CROSS SECTION ROUTE 10

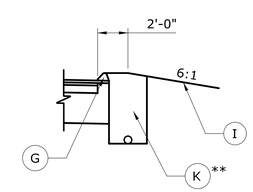
STA. 23+92 TO 26+19

TYPICAL CROSS SECTION ROUTE 10

ROUTE 10 & WHITLOCK AVENUE INTERSECTION
STA. 26+19 TO STA. 26+94
SEE CONSTRUCTION AND INTERSECTION GRADING PLANS



STA. 26+94 RT TO 27+04 RT



STA. 27+04 RT TO 28+40 RT

TYPICAL CROSS SECTION ROUTE 10

STA. 26+94 TO 28+40

LEGEND

- (A) POINT OF APPLICATION OF GRADE
- (B) 4" HMA S0.5 (IN TWO EQUAL LIFTS ON)
- (C) 6" HMA S1.0 (IN TWO LIFTS)
- (D) 12" OF PROCESSED AGGREGATE BASE (TWO EQUAL LIFTS)
- (E) 24" OF PROCESSED AGGREGATE BASE (FOUR EQUAL LIFTS)
- (F) GEOTEXTILE FABRIC FOR SEPARATION
- (G) 6" BITUMINOUS CONCRETE LIP CURB
- (H) CONCRETE SIDEWALK
- (I) 4" TOPSOIL AND TURF ESTABLISHMENT
- (J) 6" PROCESSED AGGREGATE UNDER RAIL
- (K) 6" UNDERDRAIN

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K-SOLLOWAY**
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_TYP-01.dgn

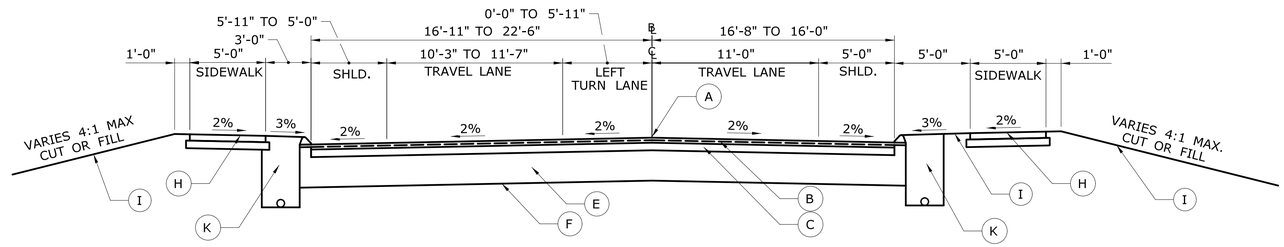
SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

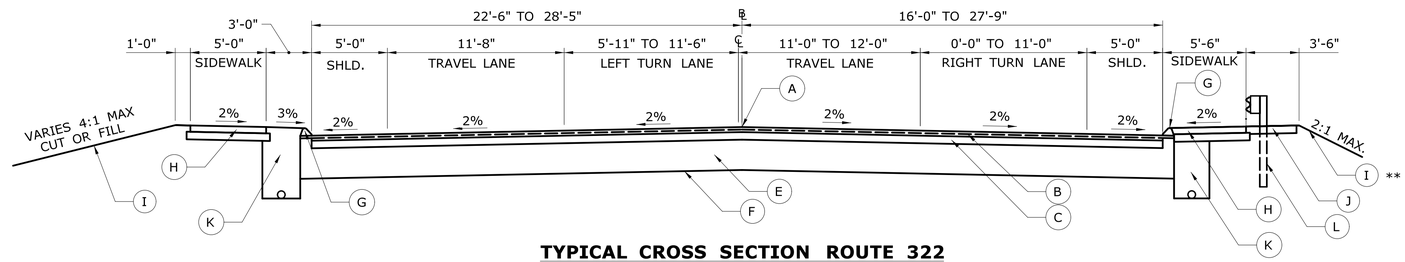
DRAWING TITLE: **TYPICAL SECTIONS**

PROJECT NO. **131-190**
DRAWING NO. **TYP-02**
SHEET NO.



TYPICAL CROSS SECTION ROUTE 322

STA. 41+00 TO STA. 43+12



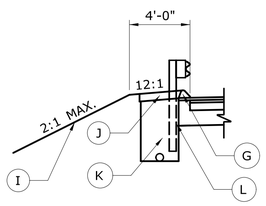
** 4" TOPSOIL AND CONSERVATION SEED MIX FROM STA. 44+22 RT TO STA. 44+85 RT

TYPICAL CROSS SECTION ROUTE 322

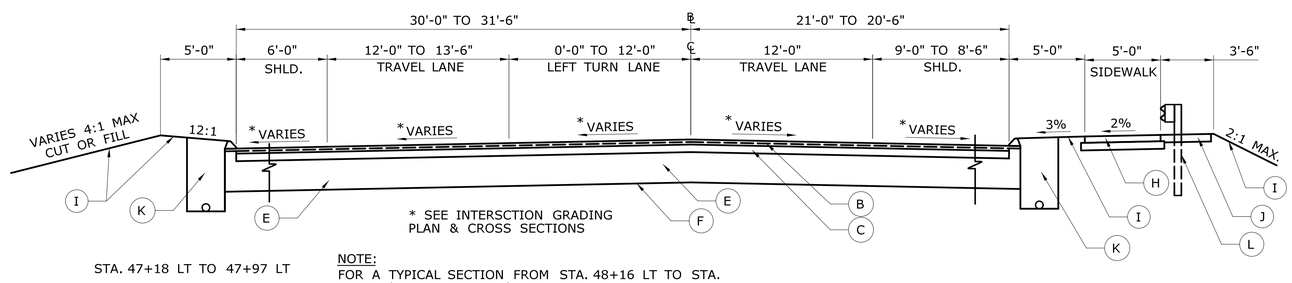
STA. 43+12 TO STA. 44+85

TYPICAL CROSS SECTION ROUTE 322

ROUTE 322 & ROUTE 10 INTERSECTION
STA. 44+85 TO STA. 47+18
SEE CONSTURCTION AND INTERSECTION GRADING PLANS



STA. 47+45 LT TO 47+97 LT



STA. 47+18 LT TO 47+97 LT

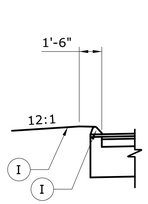
NOTE:
FOR A TYPICAL SECTION FROM STA. 48+16 LT TO STA. 48+68 (BRIDGE SECTION) - SEE STRUCTURAL PLANS

TYPICAL CROSS SECTION ROUTE 322

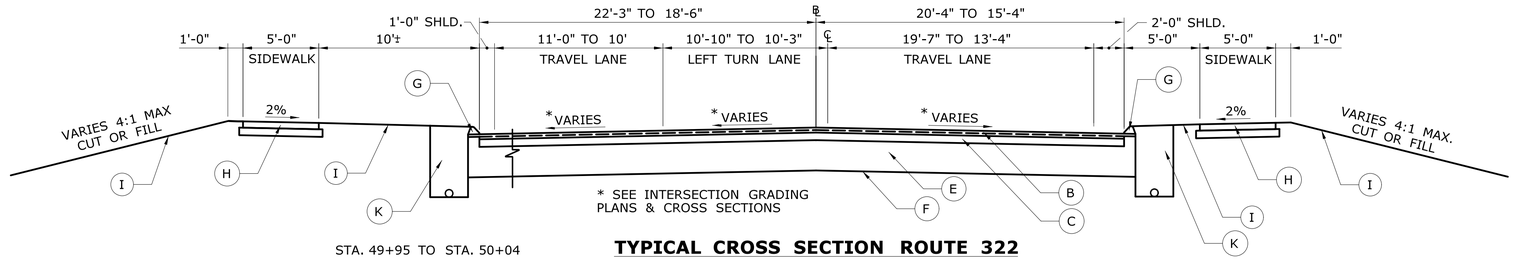
STA. 47+18 TO STA. 48+61

TYPICAL CROSS SECTION ROUTE 322

ROUTE 322 & OLD TURNPIKE ROAD INTERSECTION
STA. 48+61 TO STA. 49+95
SEE CONSTRUCTION AND INTERSECTION GRADING PLANS



STA. 50+04 TO STA. 50+50



STA. 49+95 TO STA. 50+04

TYPICAL CROSS SECTION ROUTE 322

STA. 49+95 TO STA. 50+50

LEGEND

- (A) POINT OF APPLICATION OF GRADE
- (B) 4" HMA S0.5 (IN TWO EQUAL LIFTS ON)
- (C) 6" HMA S1.0 (IN TWO EQUAL LIFTS)
- (D) 12" OF PROCESSED AGGREGATE BASE (TWO EQUAL LIFTS)
- (E) 24" OF PROCESSED AGGREGATE BASE (FOUR EQUAL LIFTS)
- (F) GEOTEXTILE FABRIC FOR SEPARATION
- (G) 6" BITUMINOUS CONCRETE LIP CURB
- (H) CONCRETE SIDEWALK
- (I) 4" TOPSOIL AND TURF ESTABLISHMENT
- (J) 6" PROCESSED AGGREGATE UNDER RAIL
- (K) 6" UNDERDRAIN
- (L) METAL BEAM RAIL (R-B 350)

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: J. SKYMBA
CHECKED BY: K.SOLLOWAY
SCALE IN FEET 0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_TYP-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE: REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

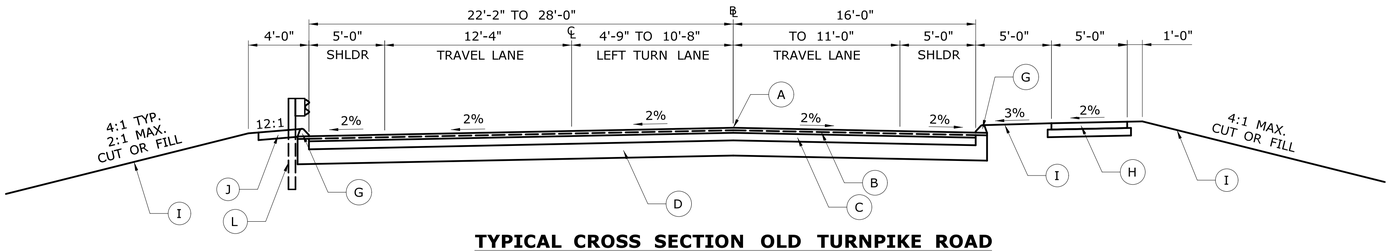
TOWN: SOUTHINGTON

DRAWING TITLE: TYPICAL SECTIONS

PROJECT NO. 131-190
DRAWING NO. TYP-03
SHEET NO.

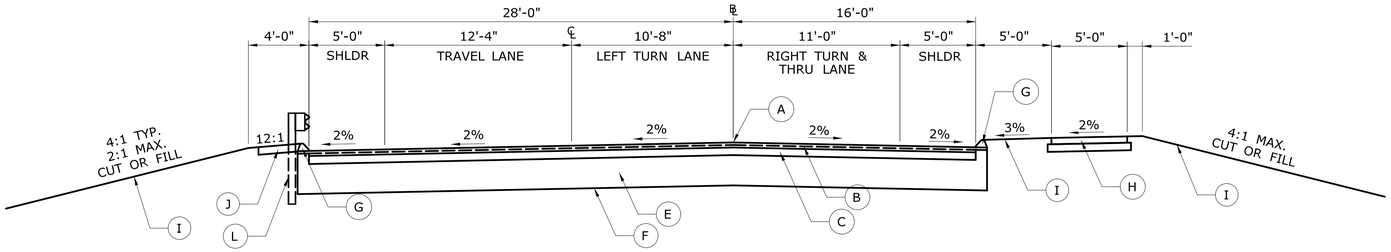
TYPICAL CROSS SECTION OLD TURNPIKE ROAD

OLD TURNPIKE ROAD INTERSECTION & ROUTE 10
STA. 60+50 TO STA. 61+15
SEE CONSTRUCTION AND INTERSECTION GRADING PLANS



TYPICAL CROSS SECTION OLD TURNPIKE ROAD

STA. 61+15 TO 62+35

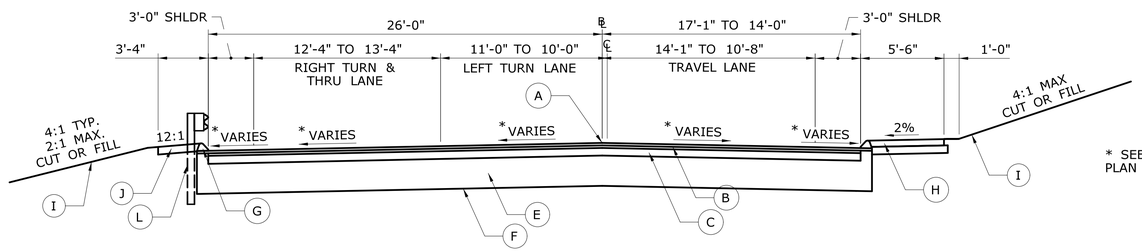


TYPICAL CROSS SECTION OLD TURNPIKE ROAD

STA. 62+35 TO 63+12

TYPICAL CROSS SECTION OLD TURNPIKE ROAD

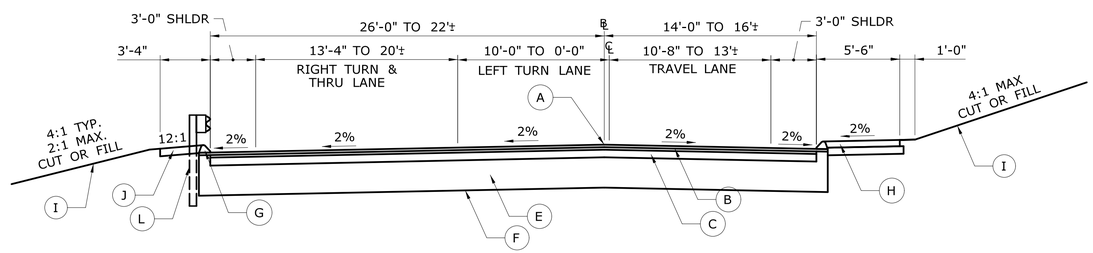
OLD TURNPIKE ROAD INTERSECTION & ROUTE 322
STA. 63+12 TO STA. 64+68
SEE CONSTRUCTION AND INTERSECTION GRADING PLANS



* SEE INTERSCTION GRADING PLAN & CROSS SECTIONS

TYPICAL CROSS SECTION OLD TURNPIKE ROAD

STA. 63+12 TO 65+21



TYPICAL CROSS SECTION OLD TURNPIKE ROAD

STA. 63+12 TO 65+21

LEGEND

- (A) POINT OF APPLICATION OF GRADE
- (B) 4" HMA S0.5 (PLACED IN TWO EQUAL COURSES)
- (C) 6" HMA S1.0 (PLACED IN TWO COURSES)
- (D) 12" OF PROCESSED AGGREGATE BASE (TWO EQUAL LIFTS)
- (E) 24" OF PROCESSED AGGREGATE BASE (FOUR EQUAL LIFTS)
- (F) GEOTEXTILE FABRIC FOR SEPARATION
- (G) 6" BITUMINOUS CONCRETE LIP CURB
- (H) CONCRETE SIDEWALK
- (I) 4" TOPSOIL AND TURF ESTABLISHMENT
- (J) 6" PROCESSED AGGREGATE UNDER RAIL
- (K) 6" UNDERDRAIN
- (L) METAL BEAM RAIL (R-B 350)

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 2/17/2017

DESIGNER/DRAFTER: J. SKYMBA
CHECKED BY: K.SOLLOWAY
SCALE IN FEET
0 5 10
SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_TYP-01.dgn

SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **TYPICAL SECTIONS**

PROJECT NO. **131-190**
DRAWING NO. **TYP-04**
SHEET NO.

CURB TABLE

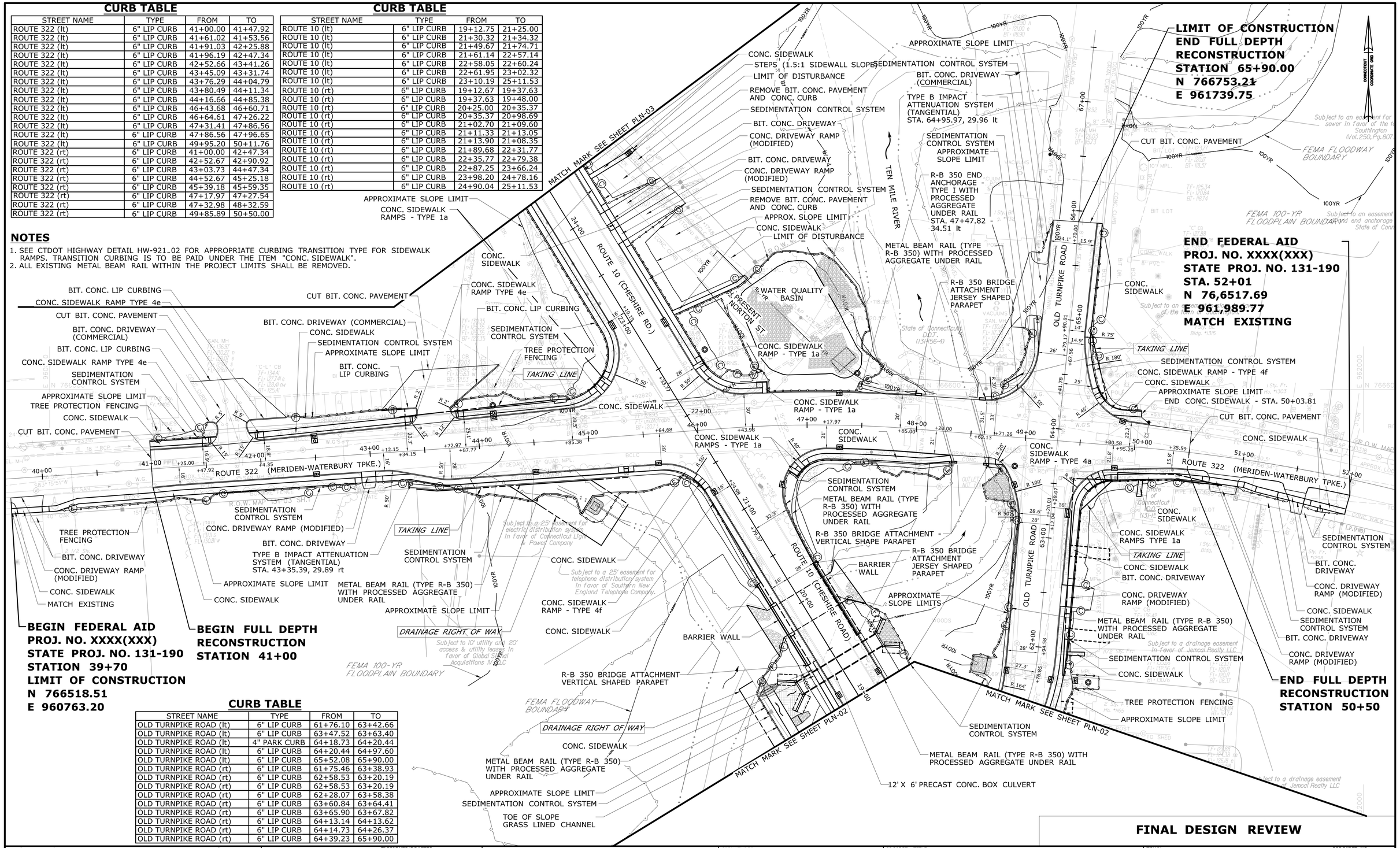
STREET NAME	TYPE	FROM	TO
ROUTE 322 (lt)	6" LIP CURB	41+00.00	41+47.92
ROUTE 322 (lt)	6" LIP CURB	41+61.02	41+53.56
ROUTE 322 (lt)	6" LIP CURB	41+91.03	42+25.88
ROUTE 322 (lt)	6" LIP CURB	41+96.19	42+47.34
ROUTE 322 (lt)	6" LIP CURB	42+52.66	43+41.26
ROUTE 322 (lt)	6" LIP CURB	43+45.09	43+31.74
ROUTE 322 (lt)	6" LIP CURB	43+76.29	44+04.79
ROUTE 322 (lt)	6" LIP CURB	43+80.49	44+11.34
ROUTE 322 (lt)	6" LIP CURB	44+16.66	44+85.38
ROUTE 322 (lt)	6" LIP CURB	46+43.68	46+60.71
ROUTE 322 (lt)	6" LIP CURB	46+64.61	47+26.22
ROUTE 322 (lt)	6" LIP CURB	47+31.41	47+86.56
ROUTE 322 (lt)	6" LIP CURB	47+86.56	47+96.65
ROUTE 322 (lt)	6" LIP CURB	49+95.20	50+11.76
ROUTE 322 (rt)	6" LIP CURB	41+00.00	42+47.34
ROUTE 322 (rt)	6" LIP CURB	42+52.67	42+90.92
ROUTE 322 (rt)	6" LIP CURB	43+03.73	44+47.34
ROUTE 322 (rt)	6" LIP CURB	44+52.67	45+25.18
ROUTE 322 (rt)	6" LIP CURB	45+39.18	45+59.35
ROUTE 322 (rt)	6" LIP CURB	47+17.97	47+27.54
ROUTE 322 (rt)	6" LIP CURB	47+32.98	48+32.59
ROUTE 322 (rt)	6" LIP CURB	49+85.89	50+50.00

CURB TABLE

STREET NAME	TYPE	FROM	TO
ROUTE 10 (lt)	6" LIP CURB	19+12.75	21+25.00
ROUTE 10 (lt)	6" LIP CURB	21+30.32	21+34.32
ROUTE 10 (lt)	6" LIP CURB	21+49.67	21+74.71
ROUTE 10 (lt)	6" LIP CURB	21+61.14	22+57.14
ROUTE 10 (lt)	6" LIP CURB	22+58.05	22+60.24
ROUTE 10 (lt)	6" LIP CURB	22+61.95	23+02.32
ROUTE 10 (lt)	6" LIP CURB	23+10.19	25+11.53
ROUTE 10 (rt)	6" LIP CURB	19+12.67	19+37.63
ROUTE 10 (rt)	6" LIP CURB	19+37.63	19+48.00
ROUTE 10 (rt)	6" LIP CURB	20+25.00	20+35.37
ROUTE 10 (rt)	6" LIP CURB	20+35.37	20+98.69
ROUTE 10 (rt)	6" LIP CURB	21+02.70	21+09.60
ROUTE 10 (rt)	6" LIP CURB	21+11.33	21+13.05
ROUTE 10 (rt)	6" LIP CURB	21+13.90	21+08.35
ROUTE 10 (rt)	6" LIP CURB	21+89.68	22+31.77
ROUTE 10 (rt)	6" LIP CURB	22+35.77	22+79.38
ROUTE 10 (rt)	6" LIP CURB	22+87.25	23+66.24
ROUTE 10 (rt)	6" LIP CURB	23+98.20	24+78.16
ROUTE 10 (rt)	6" LIP CURB	24+90.04	25+11.53

NOTES

1. SEE CTDOT HIGHWAY DETAIL HW-921_02 FOR APPROPRIATE CURBING TRANSITION TYPE FOR SIDEWALK RAMPS. TRANSITION CURBING IS TO BE PAID UNDER THE ITEM "CONC. SIDEWALK".
2. ALL EXISTING METAL BEAM RAIL WITHIN THE PROJECT LIMITS SHALL BE REMOVED.



CURB TABLE

STREET NAME	TYPE	FROM	TO
OLD TURNPIKE ROAD (lt)	6" LIP CURB	61+76.10	63+42.66
OLD TURNPIKE ROAD (lt)	6" LIP CURB	63+47.52	63+63.40
OLD TURNPIKE ROAD (lt)	4" PARK CURB	64+18.73	64+20.44
OLD TURNPIKE ROAD (lt)	6" LIP CURB	64+20.44	64+97.60
OLD TURNPIKE ROAD (lt)	6" LIP CURB	65+52.08	65+90.00
OLD TURNPIKE ROAD (rt)	6" LIP CURB	61+75.46	63+38.93
OLD TURNPIKE ROAD (rt)	6" LIP CURB	62+58.53	63+20.19
OLD TURNPIKE ROAD (rt)	6" LIP CURB	62+58.53	63+20.19
OLD TURNPIKE ROAD (rt)	6" LIP CURB	62+28.07	63+58.38
OLD TURNPIKE ROAD (rt)	6" LIP CURB	63+60.84	63+64.41
OLD TURNPIKE ROAD (rt)	6" LIP CURB	63+65.90	63+67.82
OLD TURNPIKE ROAD (rt)	6" LIP CURB	64+13.14	64+13.62
OLD TURNPIKE ROAD (rt)	6" LIP CURB	64+14.73	64+26.37
OLD TURNPIKE ROAD (rt)	6" LIP CURB	64+39.23	65+90.00

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/8/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_PLN-01.dgn

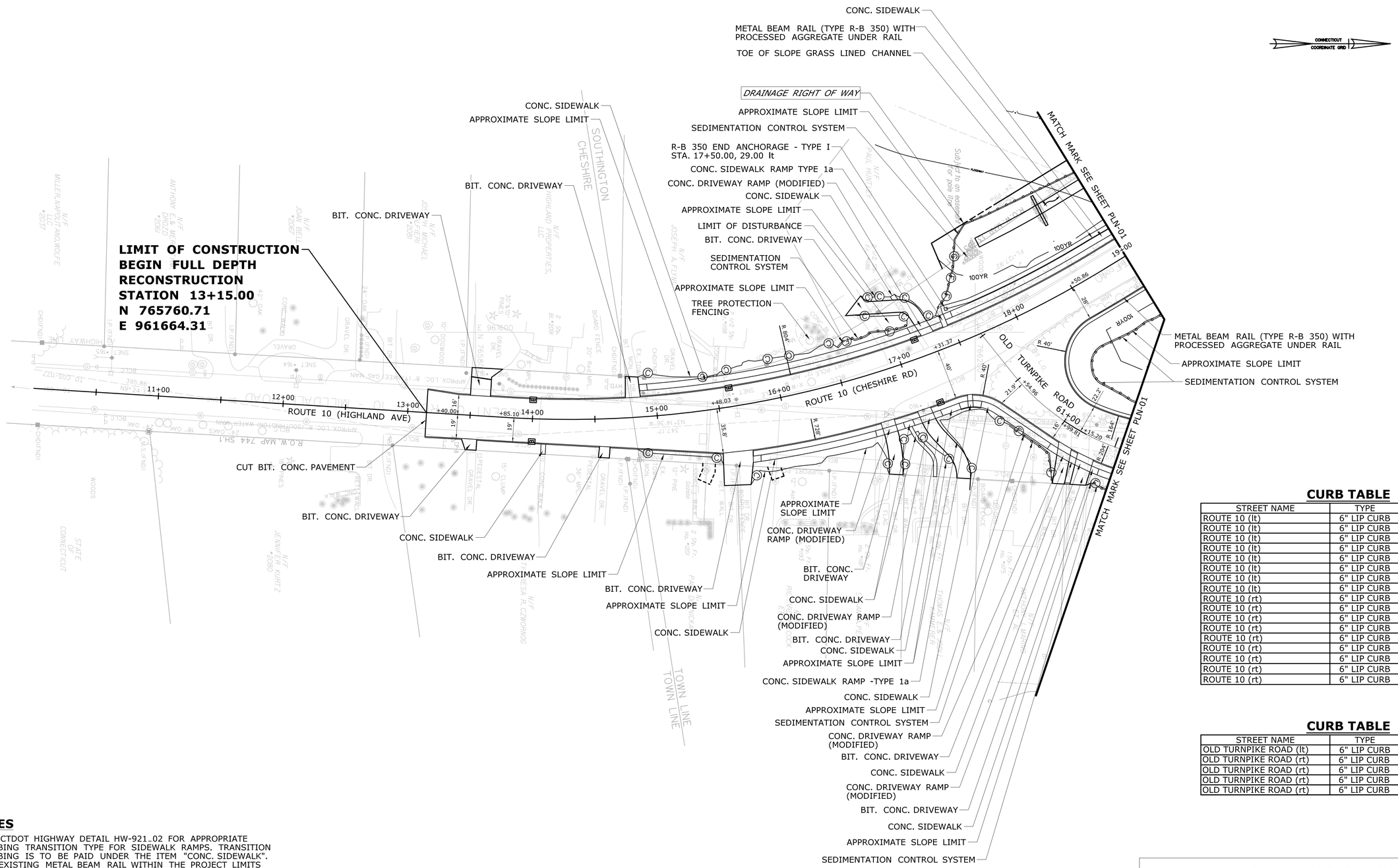
SIGNATURE/BLOCK:

PROJECT TITLE: **REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322**

TOWN: **SOUTHINGTON**

DRAWING TITLE: **HIGHWAY PLAN**

PROJECT NO. **131-190**
DRAWING NO. **PLN-01**
SHEET NO.



CURB TABLE

STREET NAME	TYPE	FROM	TO
ROUTE 10 (lt)	6" LIP CURB	13+15.00	13+49.28
ROUTE 10 (lt)	6" LIP CURB	13+65.37	13+97.28
ROUTE 10 (lt)	6" LIP CURB	14+02.72	14+75.26
ROUTE 10 (lt)	6" LIP CURB	14+87.50	15+57.28
ROUTE 10 (lt)	6" LIP CURB	15+62.72	17+13.93
ROUTE 10 (lt)	6" LIP CURB	17+19.37	17+23.03
ROUTE 10 (lt)	6" LIP CURB	17+33.47	17+42.25
ROUTE 10 (lt)	6" LIP CURB	17+46.33	19+07.34
ROUTE 10 (rt)	6" LIP CURB	13+15.00	13+44.44
ROUTE 10 (rt)	6" LIP CURB	13+56.44	13+97.40
ROUTE 10 (rt)	6" LIP CURB	14+02.60	14+53.12
ROUTE 10 (rt)	6" LIP CURB	14+61.30	15+48.03
ROUTE 10 (rt)	6" LIP CURB	15+70.96	16+70.99
ROUTE 10 (rt)	6" LIP CURB	16+81.47	17+00.31
ROUTE 10 (rt)	6" LIP CURB	17+10.66	17+16.46
ROUTE 10 (rt)	6" LIP CURB	17+21.54	17+33.25
ROUTE 10 (rt)	6" LIP CURB	18+50.86	19+07.34

CURB TABLE

STREET NAME	TYPE	FROM	TO
OLD TURNPIKE ROAD (lt)	6" LIP CURB	60+50.09	61+69.91
OLD TURNPIKE ROAD (rt)	6" LIP CURB	60+30.75	60+33.98
OLD TURNPIKE ROAD (rt)	6" LIP CURB	60+36.28	61+05.40
OLD TURNPIKE ROAD (rt)	6" LIP CURB	61+15.75	61+21.19
OLD TURNPIKE ROAD (rt)	6" LIP CURB	61+33.99	61+70.54

NOTES

1. SEE CTDOT HIGHWAY DETAIL HW-921_02 FOR APPROPRIATE CURBING TRANSITION TYPE FOR SIDEWALK RAMPS. TRANSITION CURBING IS TO BE PAID UNDER THE ITEM "CONC. SIDEWALK".
2. ALL EXISTING METAL BEAM RAIL WITHIN THE PROJECT LIMITS SHALL BE REMOVED.

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/8/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_PLN-01.dgn

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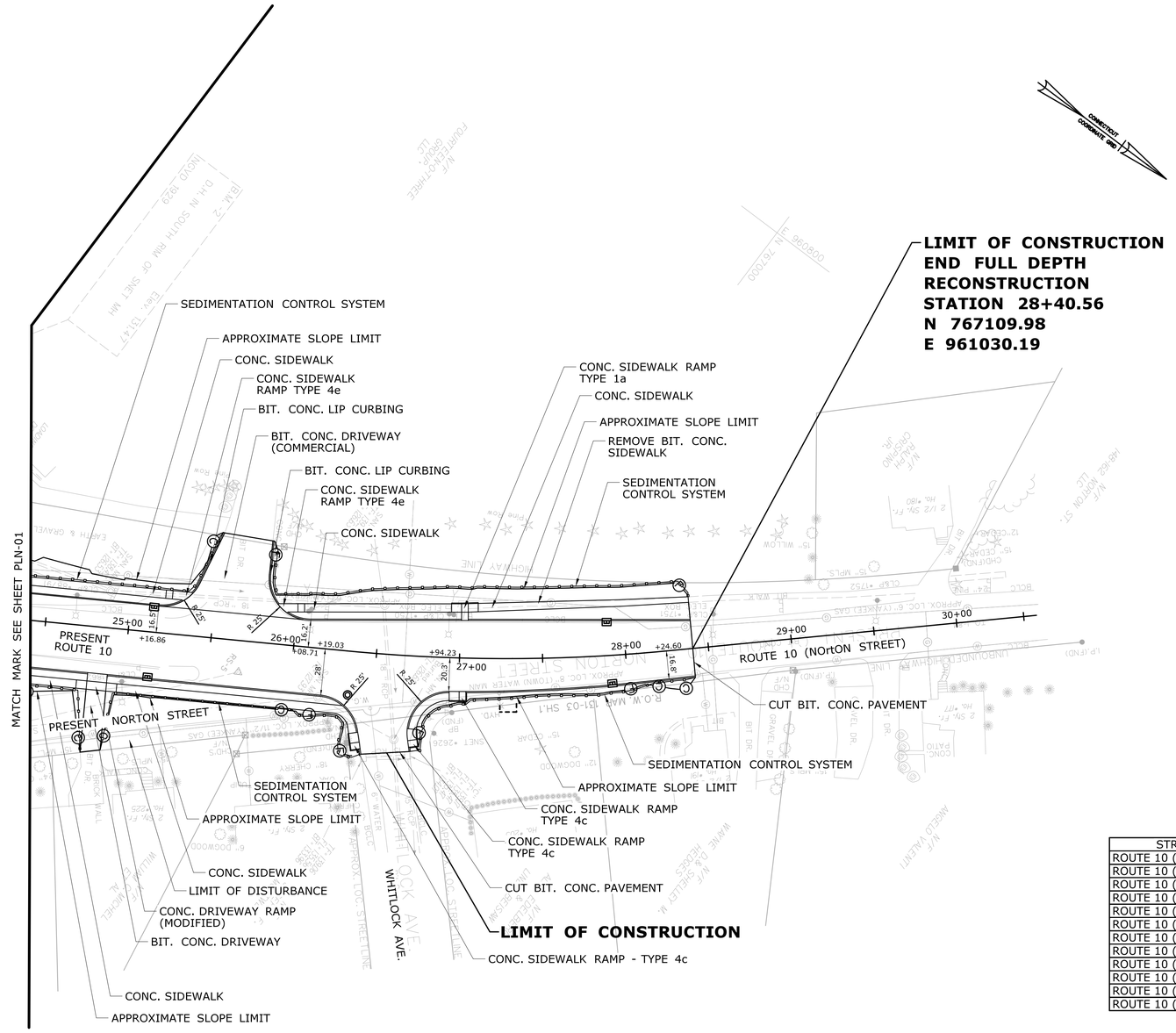
PROJECT TITLE: **REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322**

TOWN: **SOUTHINGTON**

DRAWING TITLE: **HIGHWAY PLAN**

PROJECT NO. **131-190**
DRAWING NO. **PLN-02**
SHEET NO.



CURB TABLE

STREET NAME	TYPE	FROM	TO
ROUTE 10 (lt)	6" LIP CURB	25+16.86	25+31.00
ROUTE 10 (lt)	6" LIP CURB	25+36.50	25+52.14
ROUTE 10 (lt)	6" LIP CURB	25+81.47	25+88.24
ROUTE 10 (lt)	6" LIP CURB	25+94.22	27+00.63
ROUTE 10 (lt)	6" LIP CURB	27+04.72	27+87.12
ROUTE 10 (lt)	6" LIP CURB	27+92.55	28+40.64
ROUTE 10 (rt)	6" LIP CURB	25+16.86	26+42.78
ROUTE 10 (rt)	6" LIP CURB	26+44.94	26+45.65
ROUTE 10 (rt)	6" LIP CURB	26+72.86	26+72.40
ROUTE 10 (rt)	6" LIP CURB	26+71.05	26+94.48
ROUTE 10 (rt)	6" LIP CURB	27+04.28	27+88.43
ROUTE 10 (rt)	6" LIP CURB	27+93.66	28+40.48

NOTES

1. SEE CTDOT HIGHWAY DETAIL HW-921_02 FOR APPROPRIATE CURBING TRANSITION TYPE FOR SIDEWALK RAMPS. TRANSITION CURBING IS TO BE PAID UNDER THE ITEM "CONC. SIDEWALK".
2. ALL EXISTING METAL BEAM RAIL WITHIN THE PROJECT LIMITS SHALL BE REMOVED.

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/8/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_PLN-01.dgn

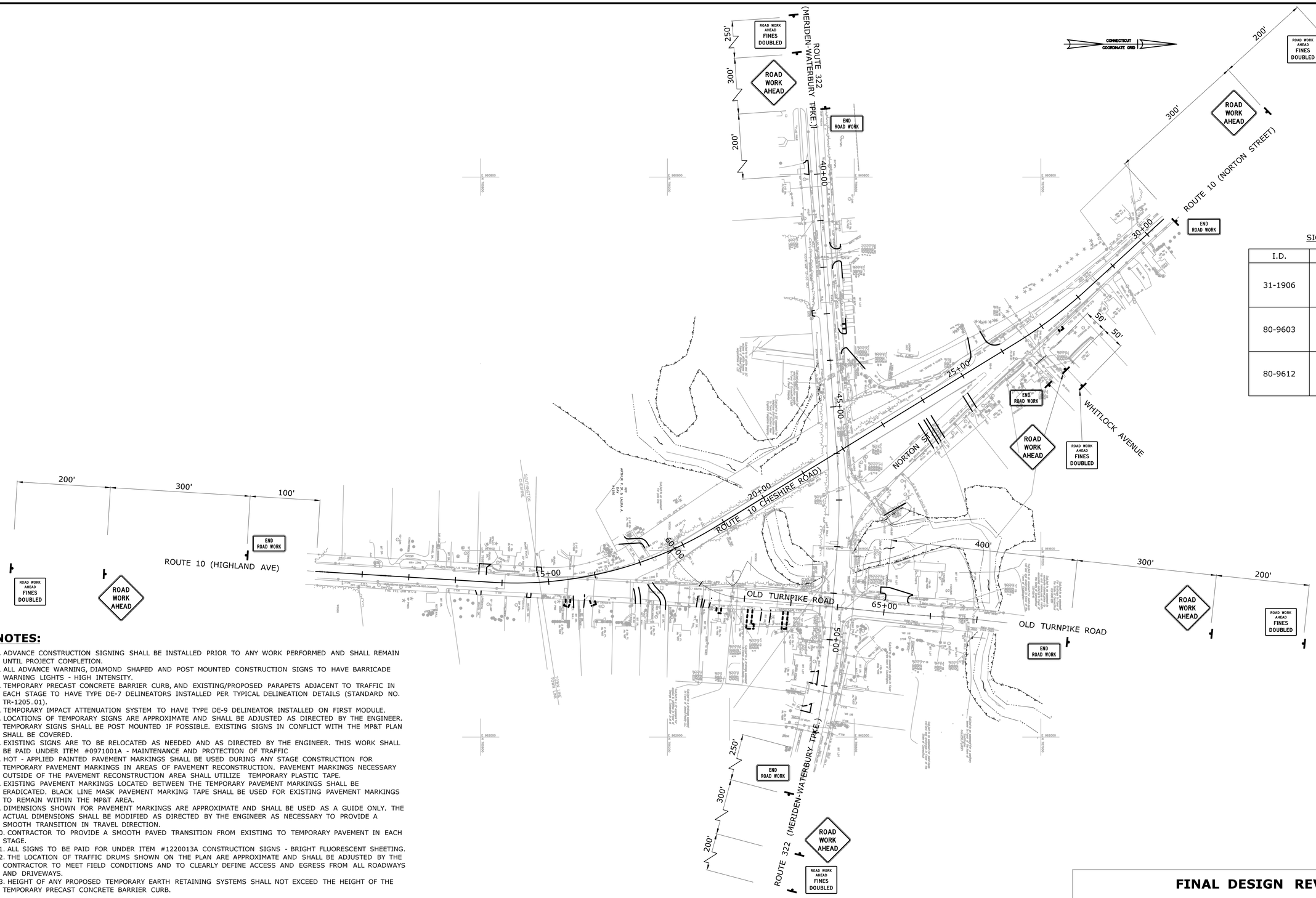
SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **HIGHWAY PLAN**

PROJECT NO. **131-190**
DRAWING NO. **PLN-03**
SHEET NO.



SIGN LEGEND

I.D.	SIZE	SIGN
31-1906	48" x 42"	ROAD WORK AHEAD FINES DOUBLED
80-9603	36" x 36"	ROAD WORK AHEAD
80-9612	48" x 24"	END ROAD WORK

NOTES:

1. ADVANCE CONSTRUCTION SIGNING SHALL BE INSTALLED PRIOR TO ANY WORK PERFORMED AND SHALL REMAIN UNTIL PROJECT COMPLETION.
2. ALL ADVANCE WARNING, DIAMOND SHAPED AND POST MOUNTED CONSTRUCTION SIGNS TO HAVE BARRICADE WARNING LIGHTS - HIGH INTENSITY.
3. TEMPORARY PRECAST CONCRETE BARRIER CURB, AND EXISTING/PROPOSED PARAPETS ADJACENT TO TRAFFIC IN EACH STAGE TO HAVE TYPE DE-7 DELINEATORS INSTALLED PER TYPICAL DELINEATION DETAILS (STANDARD NO. TR-1205.01).
4. TEMPORARY IMPACT ATTENUATION SYSTEM TO HAVE TYPE DE-9 DELINEATOR INSTALLED ON FIRST MODULE.
5. LOCATIONS OF TEMPORARY SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER. TEMPORARY SIGNS SHALL BE POST MOUNTED IF POSSIBLE. EXISTING SIGNS IN CONFLICT WITH THE MP&T PLAN SHALL BE COVERED.
6. EXISTING SIGNS ARE TO BE RELOCATED AS NEEDED AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID UNDER ITEM #0971001A - MAINTENANCE AND PROTECTION OF TRAFFIC
7. HOT - APPLIED PAINTED PAVEMENT MARKINGS SHALL BE USED DURING ANY STAGE CONSTRUCTION FOR TEMPORARY PAVEMENT MARKINGS IN AREAS OF PAVEMENT RECONSTRUCTION. PAVEMENT MARKINGS NECESSARY OUTSIDE OF THE PAVEMENT RECONSTRUCTION AREA SHALL UTILIZE TEMPORARY PLASTIC TAPE.
8. EXISTING PAVEMENT MARKINGS LOCATED BETWEEN THE TEMPORARY PAVEMENT MARKINGS SHALL BE ERADICATED. BLACK LINE MASK PAVEMENT MARKING TAPE SHALL BE USED FOR EXISTING PAVEMENT MARKINGS TO REMAIN WITHIN THE MP&T AREA.
9. DIMENSIONS SHOWN FOR PAVEMENT MARKINGS ARE APPROXIMATE AND SHALL BE USED AS A GUIDE ONLY. THE ACTUAL DIMENSIONS SHALL BE MODIFIED AS DIRECTED BY THE ENGINEER AS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN TRAVEL DIRECTION.
10. CONTRACTOR TO PROVIDE A SMOOTH PAVED TRANSITION FROM EXISTING TO TEMPORARY PAVEMENT IN EACH STAGE.
11. ALL SIGNS TO BE PAID FOR UNDER ITEM #1220013A CONSTRUCTION SIGNS - BRIGHT FLUORESCENT SHEETING.
12. THE LOCATION OF TRAFFIC DRUMS SHOWN ON THE PLAN ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS AND TO CLEARLY DEFINE ACCESS AND EGRESS FROM ALL ROADWAYS AND DRIVEWAYS.
13. HEIGHT OF ANY PROPOSED TEMPORARY EARTH RETAINING SYSTEMS SHALL NOT EXCEED THE HEIGHT OF THE TEMPORARY PRECAST CONCRETE BARRIER CURB.

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET
0 100 200
SCALE 1"=100'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-05.dgn

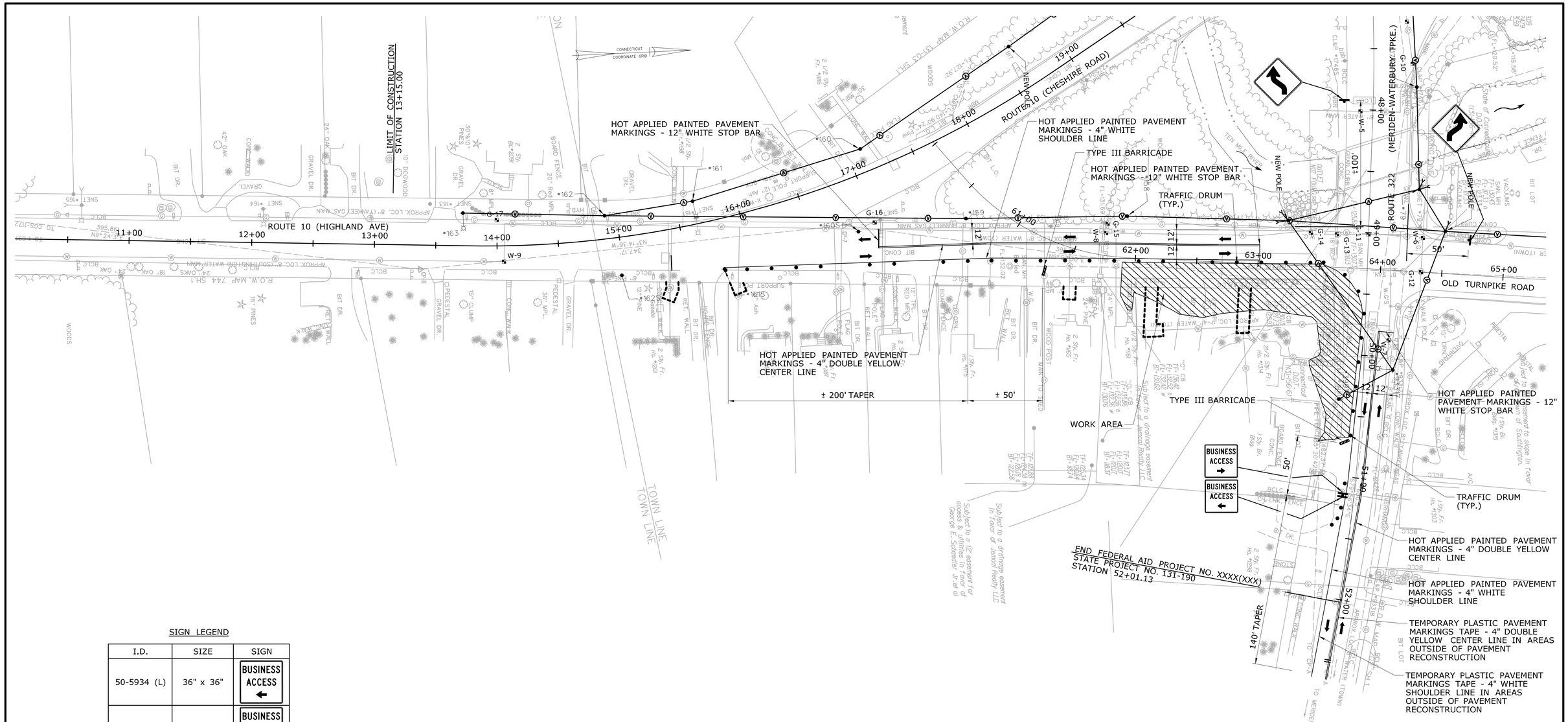
SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

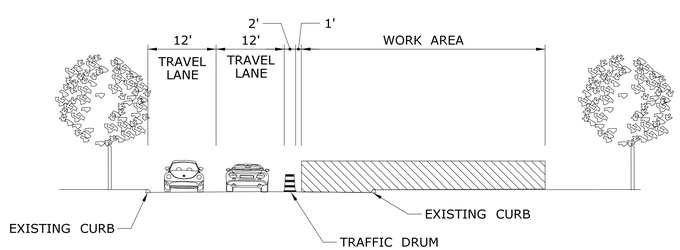
DRAWING TITLE:
MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
ADVANCE SIGNING PLAN

PROJECT NO. **131-190**
DRAWING NO. **MPT-01**
SHEET NO.



SIGN LEGEND

I.D.	SIZE	SIGN
50-5934 (L)	36" x 36"	BUSINESS ACCESS ←
50-5934 (R)	36" x 36"	BUSINESS ACCESS →
80-9431	36" x 36"	
80-9432	36" x 36"	



TYPICAL SECTION RTE 10 AND RTE 322

N.T.S

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**

CHECKED BY: **K.SOLOWAY**

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE:

REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

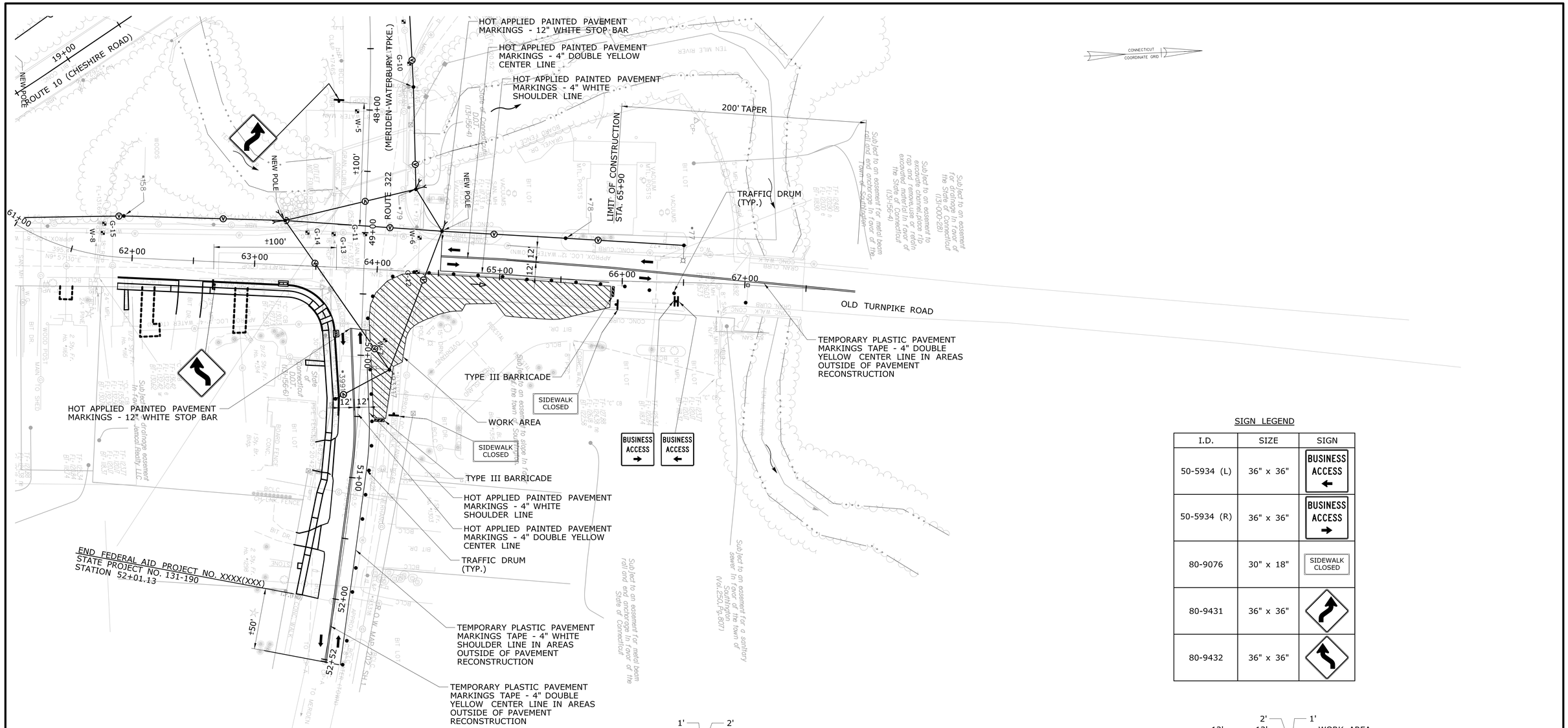
TOWN: **SOUTHINGTON**

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 1A

PROJECT NO. **131-190**

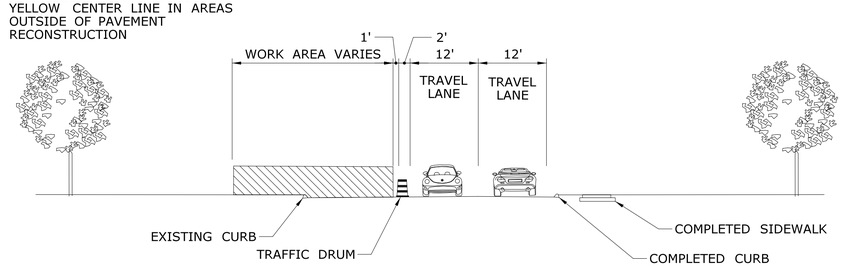
DRAWING NO. **MPT-02**

SHEET NO.



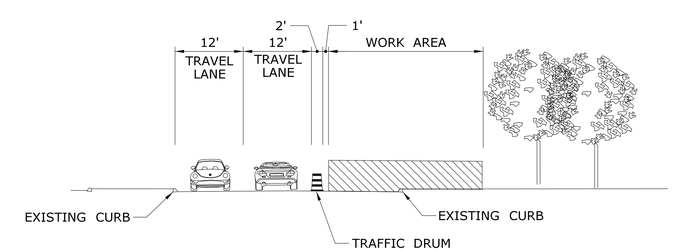
SIGN LEGEND

I.D.	SIZE	SIGN
50-5934 (L)	36" x 36"	BUSINESS ACCESS ←
50-5934 (R)	36" x 36"	BUSINESS ACCESS →
80-9076	30" x 18"	SIDEWALK CLOSED
80-9431	36" x 36"	
80-9432	36" x 36"	



TYPICAL SECTION RTE 322

N.T.S



TYPICAL SECTION OLD TURNPIKE ROAD

N.T.S

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**

CHECKED BY: **K.SOLOWAY**

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE:

REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

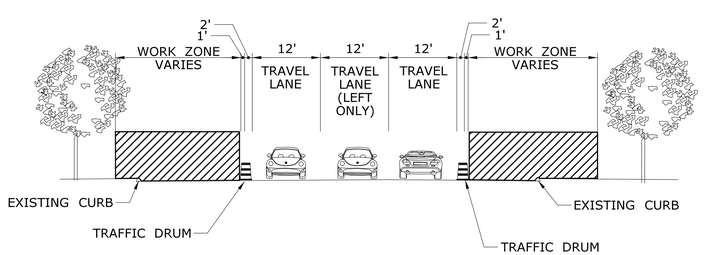
DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 1B

PROJECT NO. **131-190**

DRAWING NO. **MPT-03**

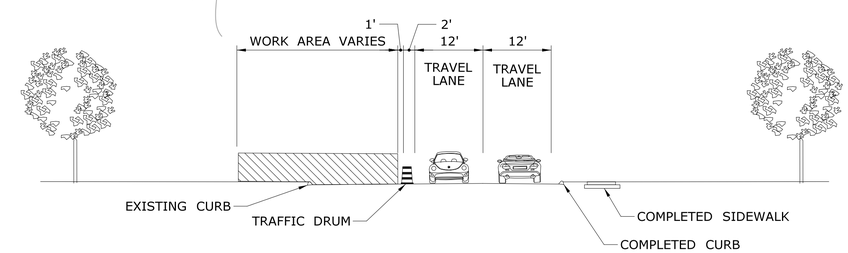
SHEET NO.

220' TAPER
ROUTE 10 (CHESHIRE ROAD)
NEW POLE
WORK AREA
TRAFFIC DRUM (TYP.)
TYPE III BARRICADE
HOT APPLIED PAINTED PAVEMENT MARKINGS - 4" WHITE SHOULDER LINE
HOT APPLIED PAINTED PAVEMENT MARKINGS - 4" DOUBLE YELLOW CENTER LINE
HOT APPLIED PAINTED PAVEMENT MARKINGS - 12" WHITE STOP BAR
HOT APPLIED PAINTED PAVEMENT MARKING ARROW
HOT APPLIED PAINTED PAVEMENT MARKINGS - 4" WHITE LANE LINE
ROUTE 322 (MERIDEN-WATERBURY TPKE.)
LIMIT OF CONSTRUCTION STATION 65+90.00
200' TAPER
OLD TURNPIKE ROAD
TEMPORARY PLASTIC PAVEMENT MARKINGS TAPE - 4" DOUBLE YELLOW CENTER LINE IN AREAS OUTSIDE OF PAVEMENT RECONSTRUCTION
COMPLETE INTERSECTION RECONSTRUCTION TO BASE COURSE UTILIZING STANDARD ONE-WAY ALTERNATING MPT SETUP
END FEDERAL AID PROJECT NO. XXXX(XXX)
STATE PROJECT NO. 131-190
STATION 52+01.13
TOWN LINE
Subject to an easement for pole line
Subject to a drainage easement In favor of Jemcol Realty LLC
Subject to a 12' easement for access & utilities In favor of George E. Schaefer Jr. et al
Subject to an easement for metal beam rail and anchorage In favor of the Town of Southington
Subject to an easement to excavate, construct, place rip rap and remove use or retain excavated material In favor of the State of Connecticut (131-156-4)
Subject to an easement (or drainage) In favor of the State of Connecticut (131-000-28)



TYPICAL SECTION RTE 322

N.T.S



TYPICAL SECTION OLD TURNPIKE ROAD

N.T.S

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 1C

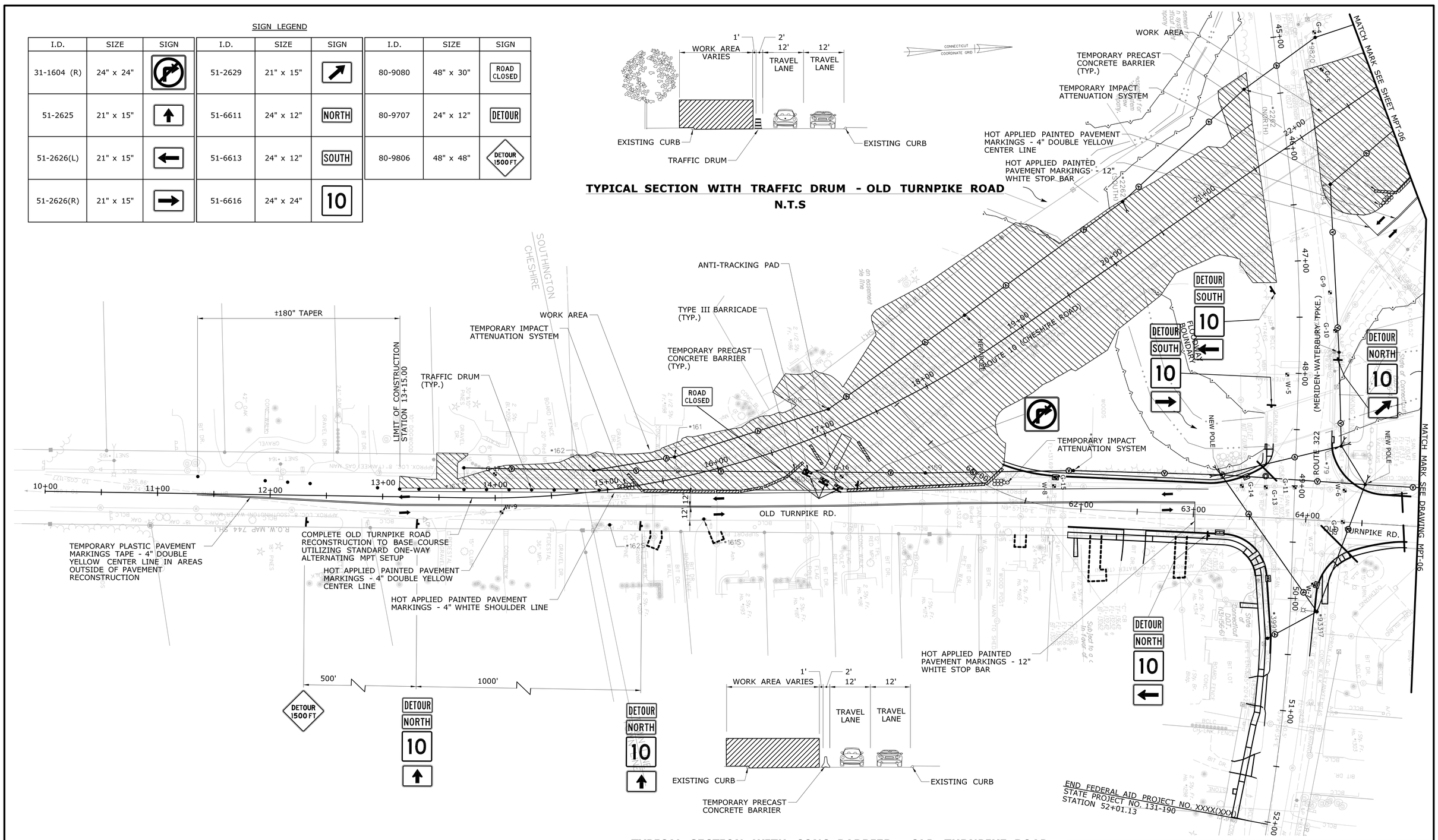
PROJECT NO. **131-190**
DRAWING NO. **MPT-04**
SHEET NO.

SIGN LEGEND

I.D.	SIZE	SIGN	I.D.	SIZE	SIGN	I.D.	SIZE	SIGN
31-1604 (R)	24" x 24"		51-2629	21" x 15"		80-9080	48" x 30"	ROAD CLOSED
51-2625	21" x 15"		51-6611	24" x 12"	NORTH	80-9707	24" x 12"	DETOUR
51-2626(L)	21" x 15"		51-6613	24" x 12"	SOUTH	80-9806	48" x 48"	DETOUR 1500 FT
51-2626(R)	21" x 15"		51-6616	24" x 24"	10			

TYPICAL SECTION WITH TRAFFIC DRUM - OLD TURNPIKE ROAD

N.T.S



TYPICAL SECTION WITH CONC. BARRIER - OLD TURNPIKE ROAD

N.T.S

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

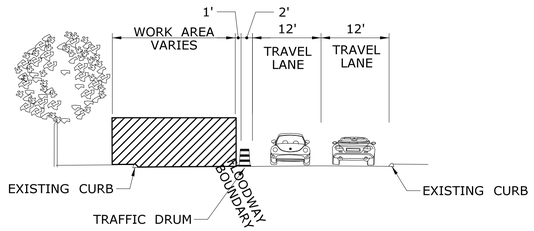
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 2

PROJECT NO. **131-190**
DRAWING NO. **MPT-05**
SHEET NO.

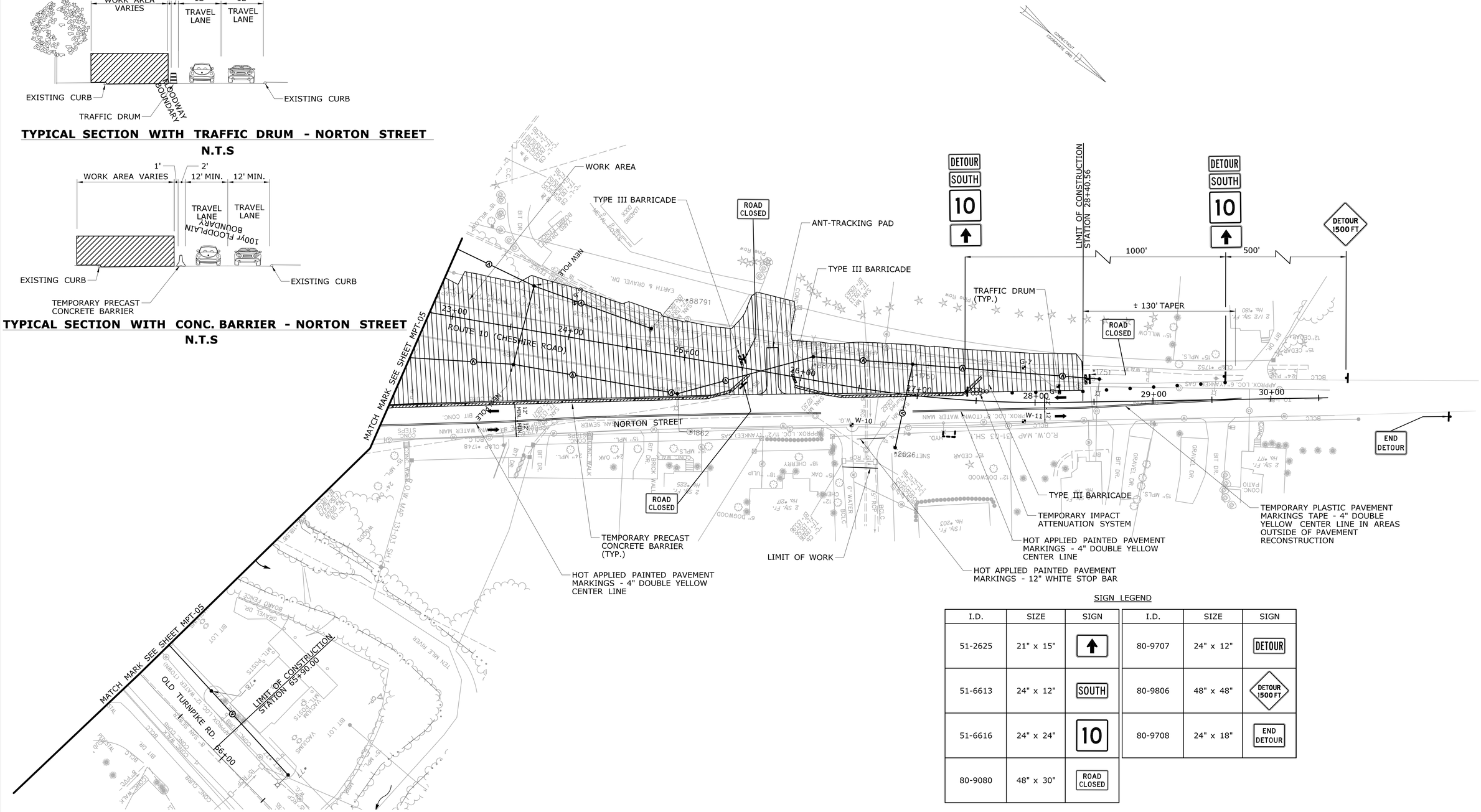


TYPICAL SECTION WITH TRAFFIC DRUM - NORTON STREET

N.T.S

TYPICAL SECTION WITH CONC. BARRIER - NORTON STREET

N.T.S



SIGN LEGEND

I.D.	SIZE	SIGN	I.D.	SIZE	SIGN
51-2625	21" x 15"	↑	80-9707	24" x 12"	DETOUR
51-6613	24" x 12"	SOUTH	80-9806	48" x 48"	DETOUR 1500 FT.
51-6616	24" x 24"	10	80-9708	24" x 18"	END DETOUR
80-9080	48" x 30"	ROAD CLOSED			

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

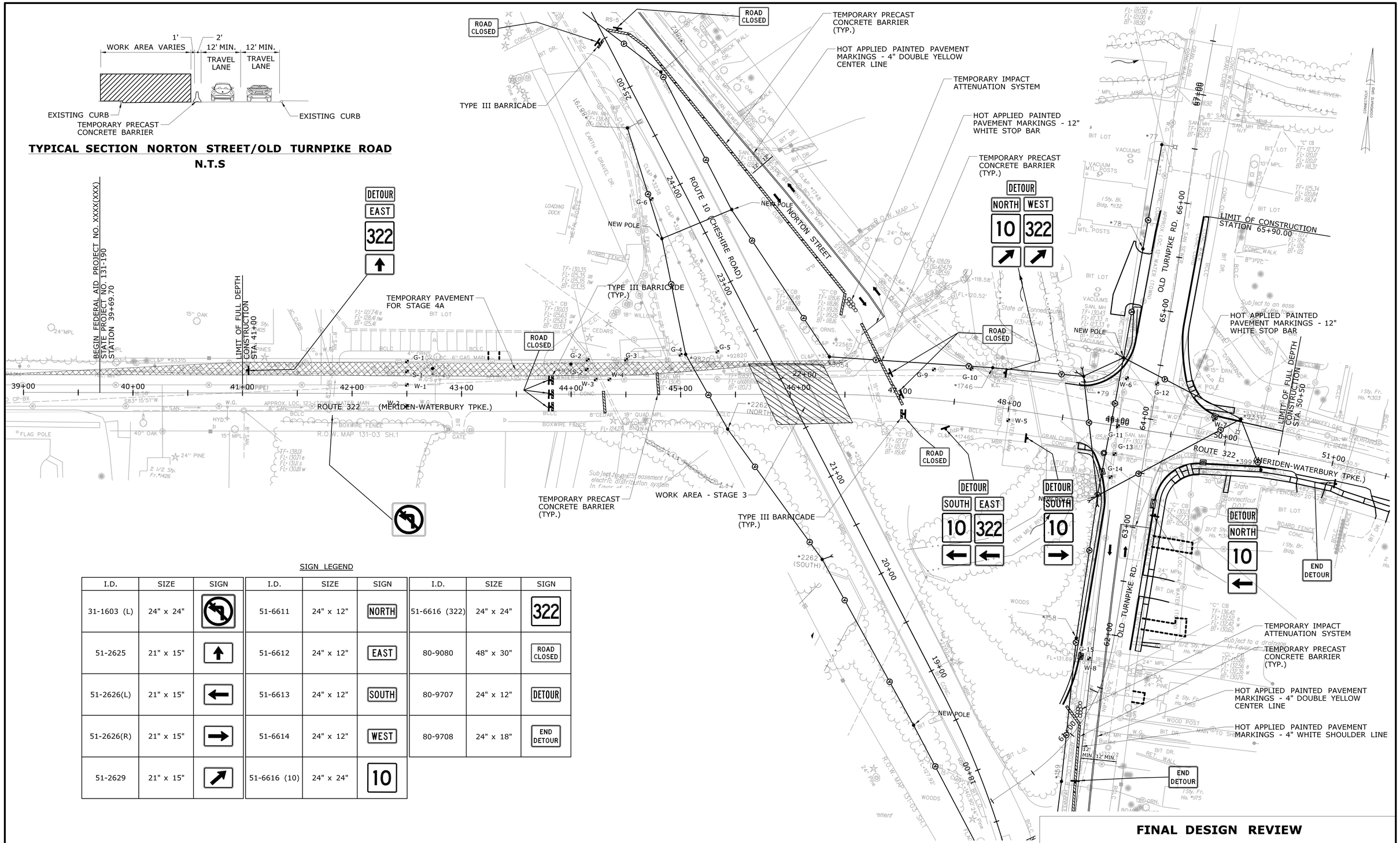
TOWN: **SOUTHINGTON**

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 2

PROJECT NO. **131-190**
DRAWING NO. **MPT-06**
SHEET NO.

TYPICAL SECTION NORTON STREET/OLD TURNPIKE ROAD

N.T.S



SIGN LEGEND

I.D.	SIZE	SIGN	I.D.	SIZE	SIGN	I.D.	SIZE	SIGN
31-1603 (L)	24" x 24"		51-6611	24" x 12"	NORTH	51-6616 (322)	24" x 24"	322
51-2625	21" x 15"		51-6612	24" x 12"	EAST	80-9080	48" x 30"	ROAD CLOSED
51-2626(L)	21" x 15"		51-6613	24" x 12"	SOUTH	80-9707	24" x 12"	DETOUR
51-2626(R)	21" x 15"		51-6614	24" x 12"	WEST	80-9708	24" x 18"	END DETOUR
51-2629	21" x 15"		51-6616 (10)	24" x 24"	10			

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

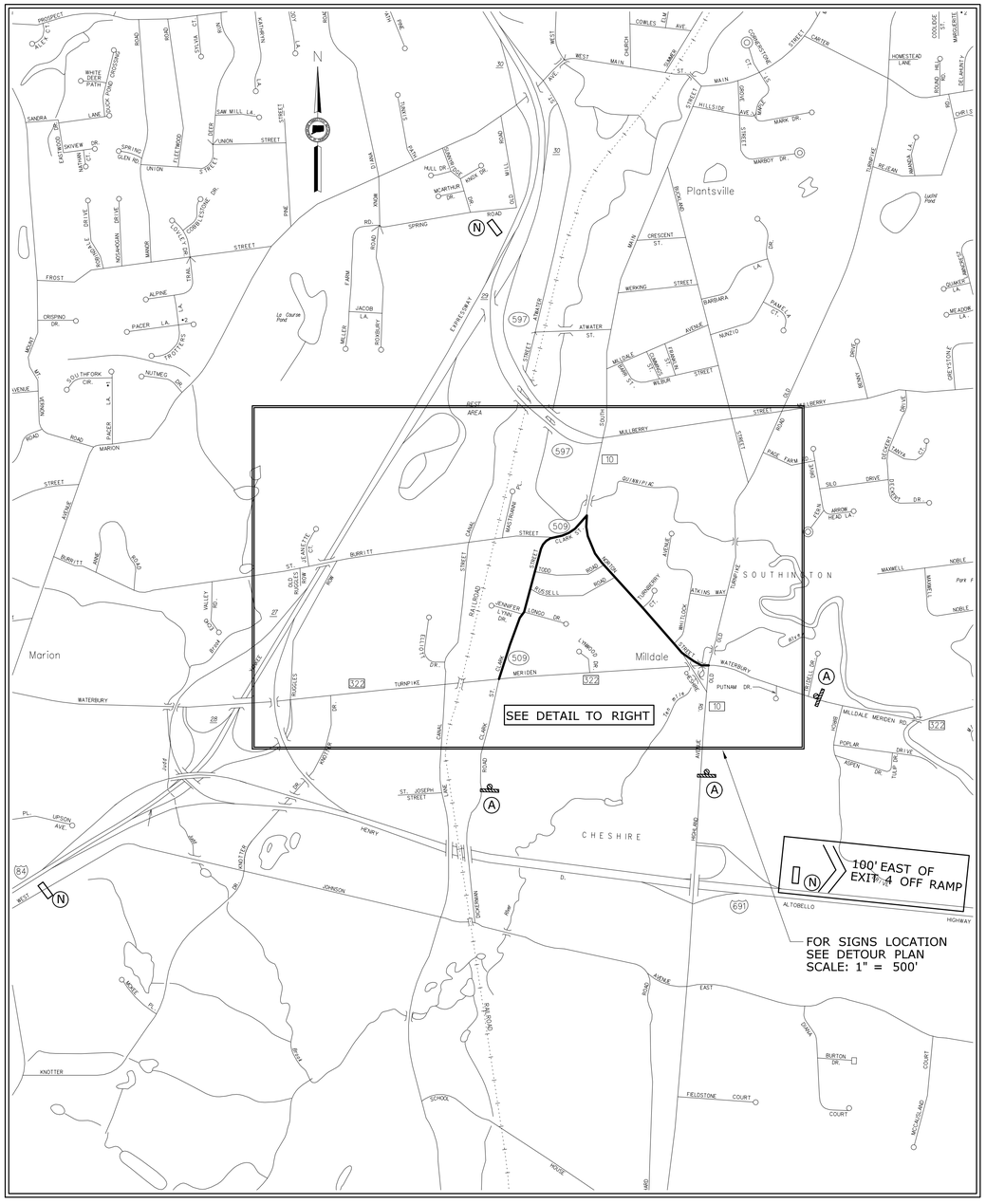
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

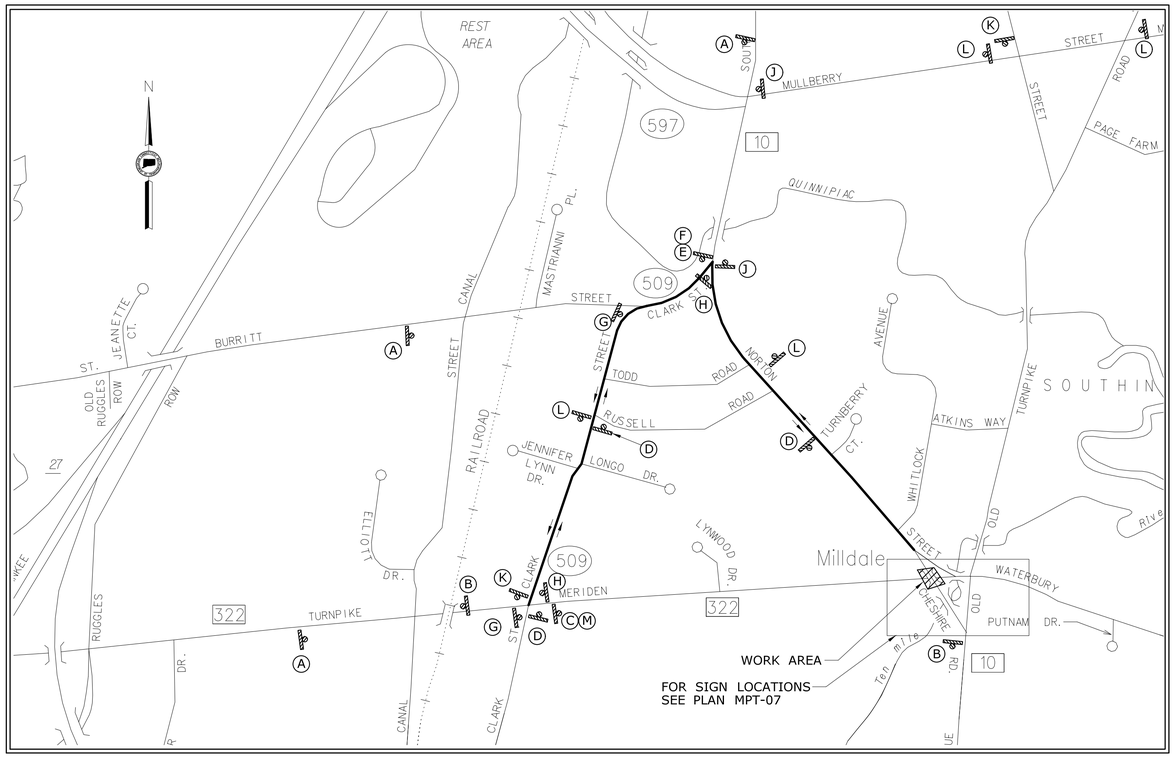
DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 3

PROJECT NO. **131-190**
DRAWING NO. **MPT-07**
SHEET NO.

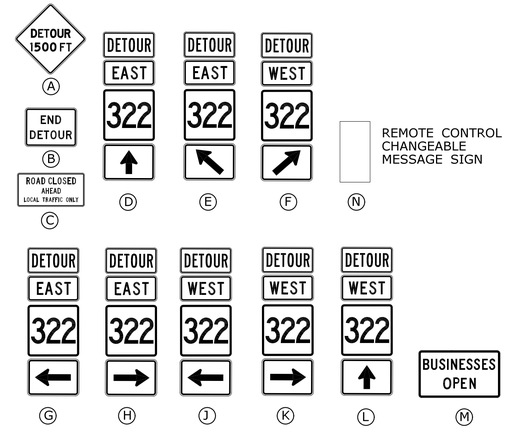


DETOUR PLAN
SCALE: 1"= 1000'

DETOUR ROADS



DETOUR PLAN
SCALE: 1"= 500'



SIGN LEGEND

I.D.	SIZE	SIGN	I.D.	SIZE	SIGN
51-2625	21" x 15"	↑	51-6616 (322)	24" x 24"	322
51-2686(L)	21" x 15"	←	80-9077	60" x 30"	ROAD CLOSED AHEAD LOCAL TRAFFIC ONLY
51-2686(R)	21" x 15"	→	80-9805	48" x 48"	DETOUR 1500 FT
51-2628	21" x 15"	↖	80-9707	24" x 12"	DETOUR
51-2629	21" x 15"	↗	80-9708	24" x 18"	END DETOUR
51-6612	24" x 12"	EAST	BACKGROUND: BLUE LEGEND: WHITE SIZE: 30"x48"		BUSINESSES OPEN
51-6614	24" x 12"	WEST			

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K-SOLOWAY**
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ..\HW_MSH_0131_0190_05_MPT-02.dgn

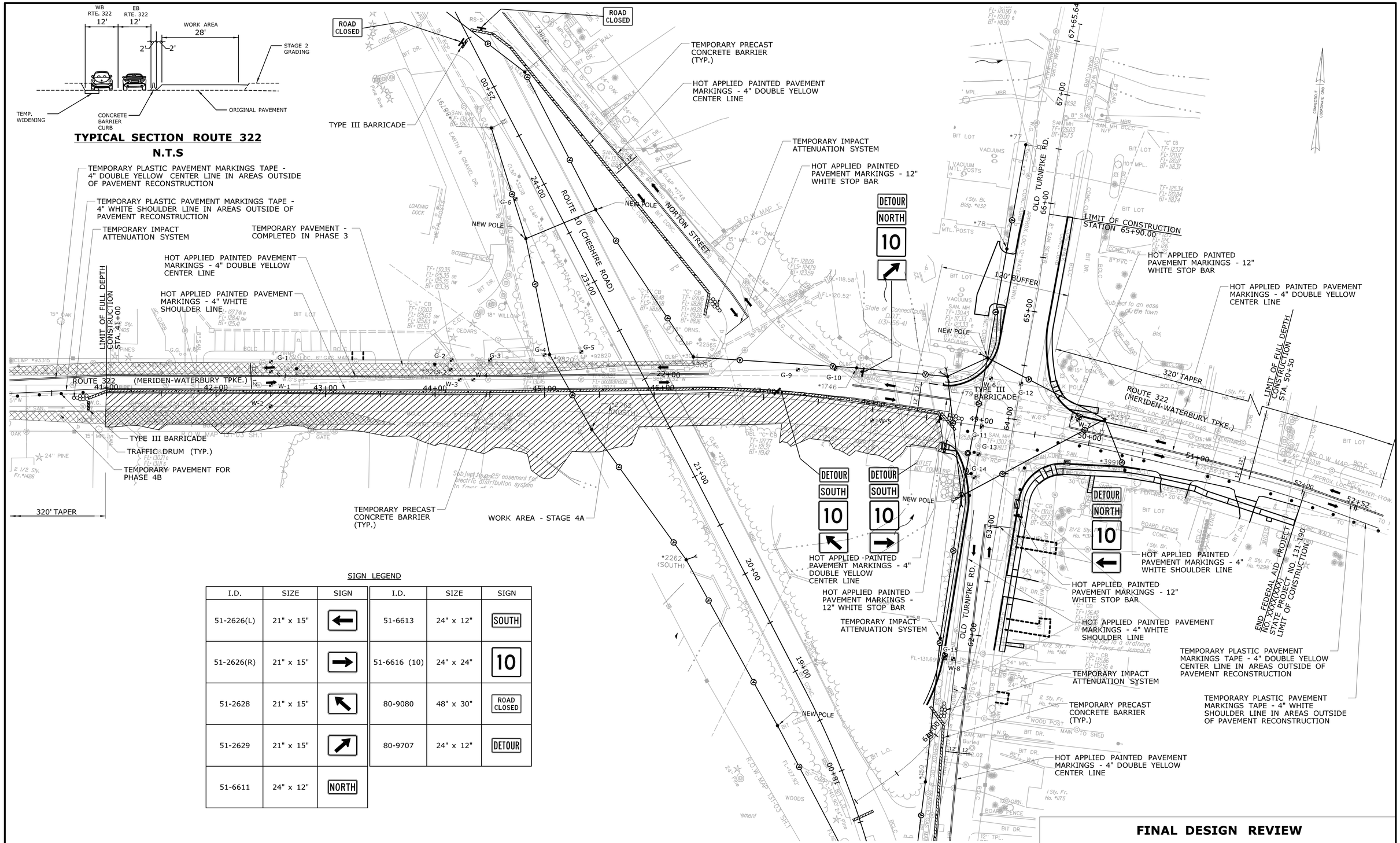
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE:
MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
STAGE 3 - DETOUR PLAN

PROJECT NO. **131-190**
DRAWING NO. **MPT-08**
SHEET NO.



SIGN LEGEND

I.D.	SIZE	SIGN	I.D.	SIZE	SIGN
51-2626(L)	21" x 15"	←	51-6613	24" x 12"	SOUTH
51-2626(R)	21" x 15"	→	51-6616 (10)	24" x 24"	10
51-2628	21" x 15"	↖	80-9080	48" x 30"	ROAD CLOSED
51-2629	21" x 15"	↗	80-9707	24" x 12"	DETOUR
51-6611	24" x 12"	NORTH			

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

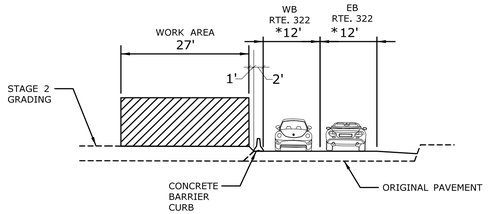
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 4A

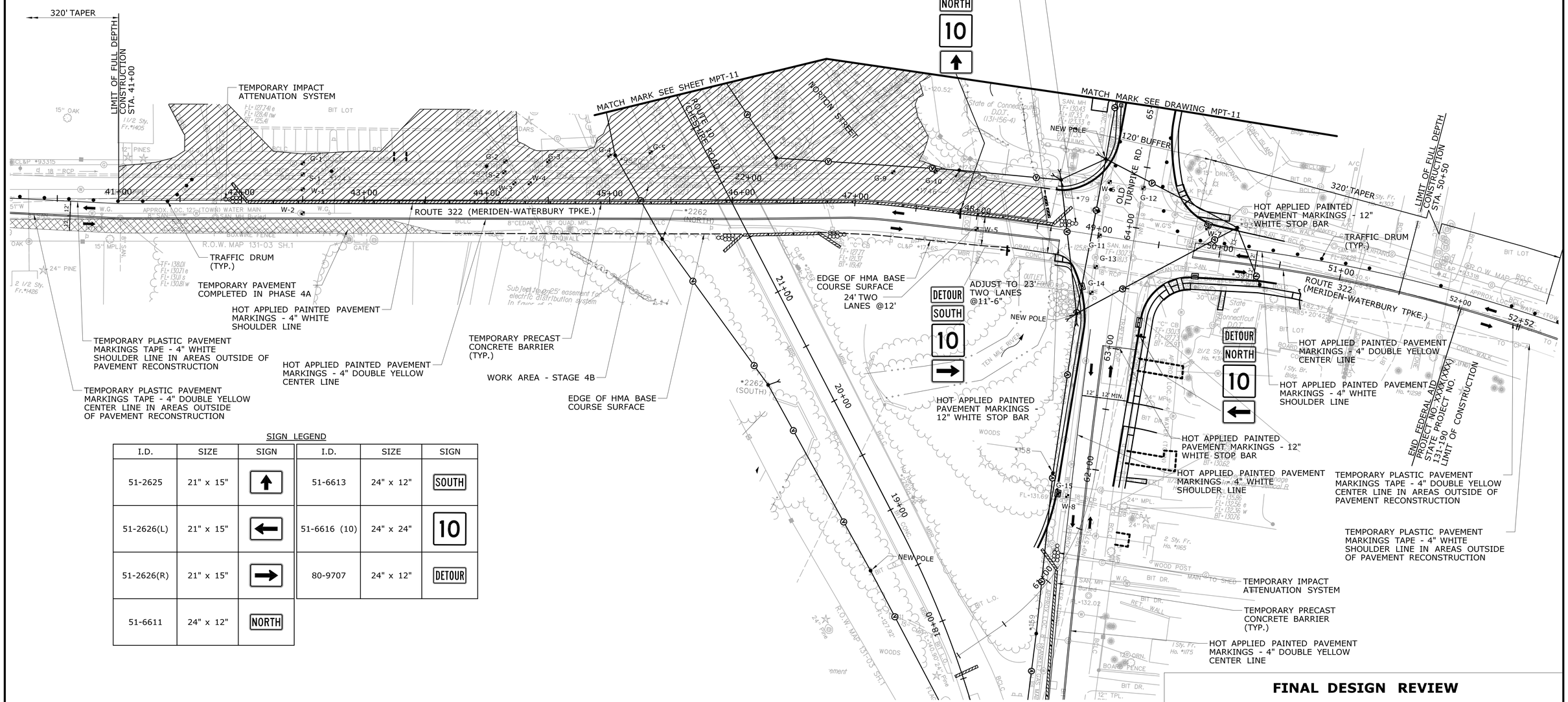
PROJECT NO. **131-190**
DRAWING NO. **MPT-09**
SHEET NO.



TYPICAL SECTION ROUTE 322

N.T.S

* 11'-6" MINIMUM TRAVEL LANES SHALL BE PROVIDED ON ROUTE 322 BRIDGE OVER TEN MILE RIVER



SIGN LEGEND

I.D.	SIZE	SIGN	I.D.	SIZE	SIGN
51-2625	21" x 15"	↑	51-6613	24" x 12"	SOUTH
51-2626(L)	21" x 15"	←	51-6616 (10)	24" x 24"	10
51-2626(R)	21" x 15"	→	80-9707	24" x 12"	DETOUR
51-6611	24" x 12"	NORTH			

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

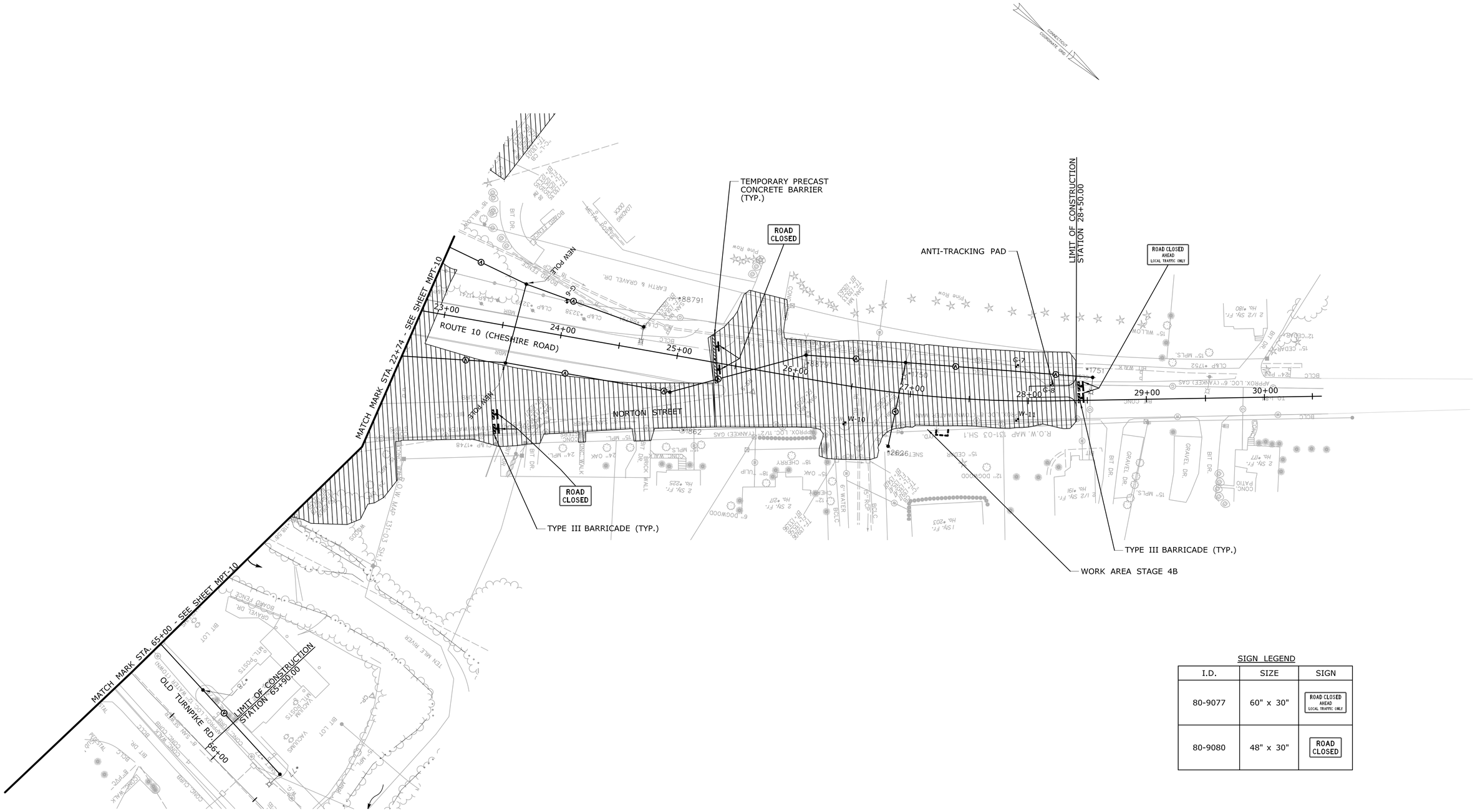
SIGNATURE/BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 4B

PROJECT NO. **131-190**
DRAWING NO. **MPT-10**
SHEET NO.



SIGN LEGEND

I.D.	SIZE	SIGN
80-9077	60" x 30"	ROAD CLOSED AHEAD LOCAL TRAFFIC ONLY
80-9080	48" x 30"	ROAD CLOSED

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

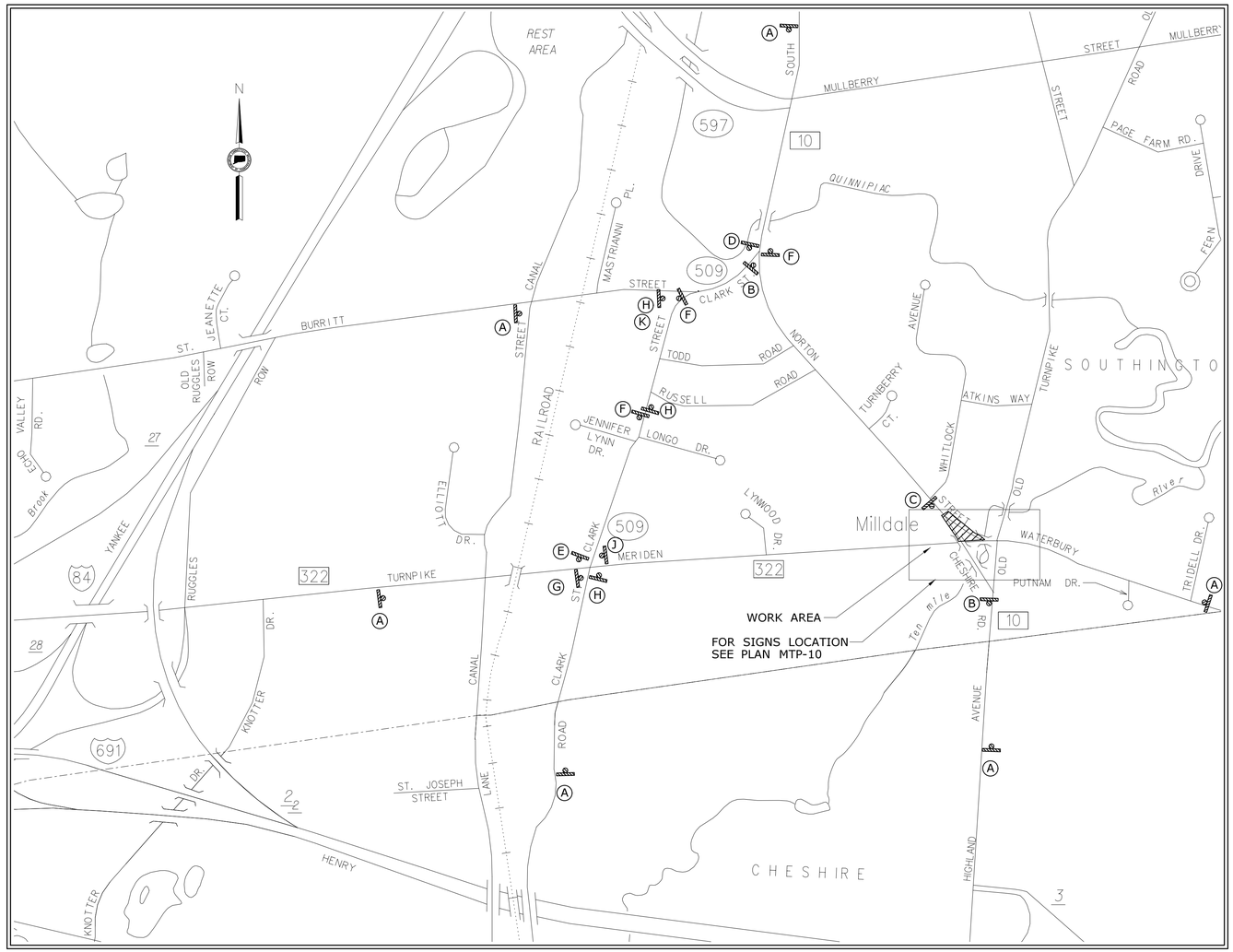
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 4B

PROJECT NO. **131-190**
DRAWING NO. **MPT-11**
SHEET NO.

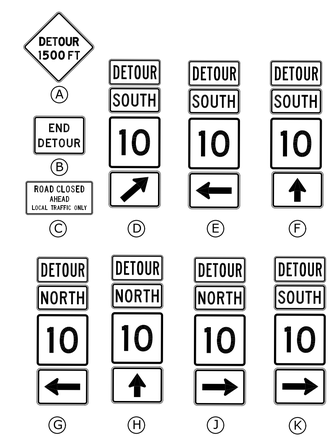


DETOUR PLAN

SCALE: 1"= 500'

SIGN LEGEND

I.D.	SIZE	SIGN	I.D.	SIZE	SIGN
51-2625	21" x 15"	↑	51-6616 (10)	24" x 24"	10
51-2626(L)	21" x 15"	←	80-9080	60" x 30"	ROAD CLOSED AHEAD LOCAL TRAFFIC ONLY
51-2626(R)	21" x 15"	→	80-9805	48" x 48"	DETOUR 1500 FT.
51-2629	21" x 15"	↗	80-9707	24" x 12"	DETOUR
51-6611	24" x 12"	NORTH	80-9708	24" x 18"	END DETOUR
51-6613	24" x 12"	SOUTH			



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**

CHECKED BY: **K.SOLOWAY**

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-03.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

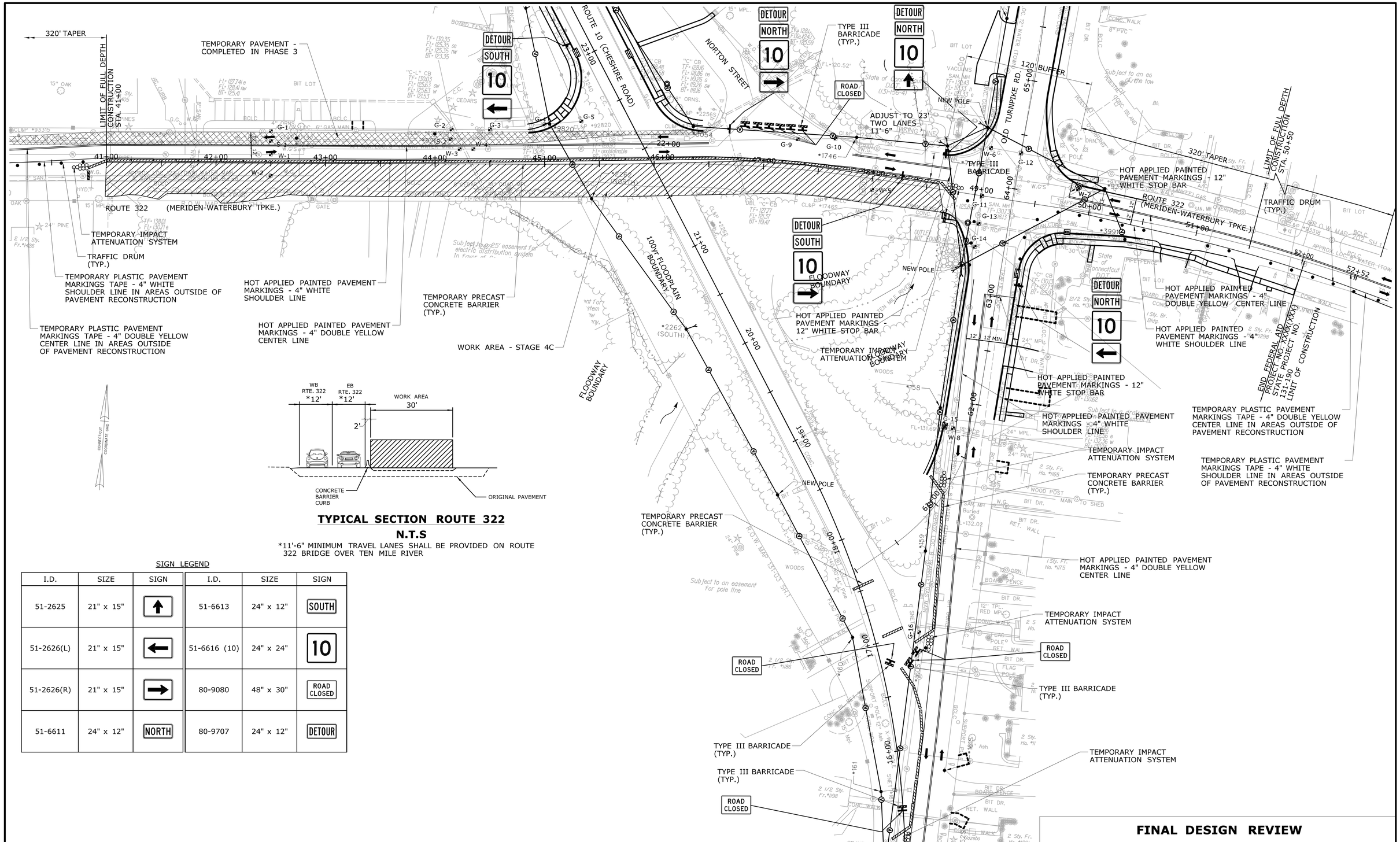
TOWN: **SOUTHINGTON**

DRAWING TITLE:
MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
STAGE 4B - DETOUR PLAN

PROJECT NO. **131-190**

DRAWING NO. **MPT-12**

SHEET NO.



TYPICAL SECTION ROUTE 322

N.T.S

*11'-6" MINIMUM TRAVEL LANES SHALL BE PROVIDED ON ROUTE 322 BRIDGE OVER TEN MILE RIVER

SIGN LEGEND

I.D.	SIZE	SIGN	I.D.	SIZE	SIGN
51-2625	21" x 15"	↑	51-6613	24" x 12"	SOUTH
51-2626(L)	21" x 15"	←	51-6616 (10)	24" x 24"	10
51-2626(R)	21" x 15"	→	80-9080	48" x 30"	ROAD CLOSED
51-6611	24" x 12"	NORTH	80-9707	24" x 12"	DETOUR

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: J. SKYMBA
CHECKED BY: K.SOLOWAY
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE: REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: SOUTHINGTON

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 4C

PROJECT NO. 131-190

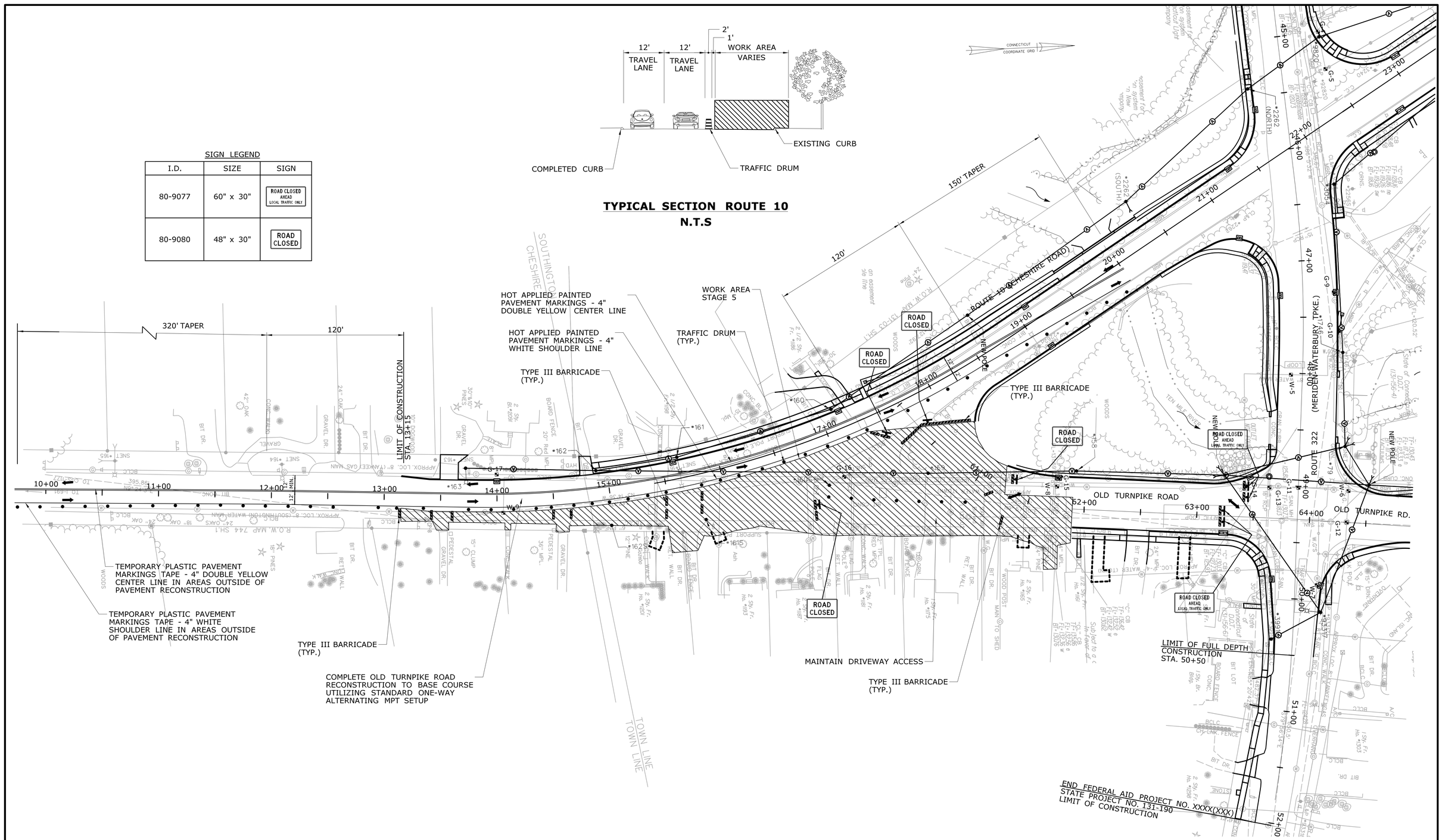
DRAWING NO. MPT-13

SHEET NO.

TYPICAL SECTION ROUTE 10
N.T.S

SIGN LEGEND

I.D.	SIZE	SIGN
80-9077	60" x 30"	ROAD CLOSED AHEAD LOCAL TRAFFIC ONLY
80-9080	48" x 30"	ROAD CLOSED



FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**
CHECKED BY: **K.SOLOWAY**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-01.dgn

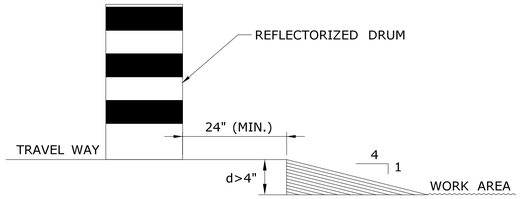
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

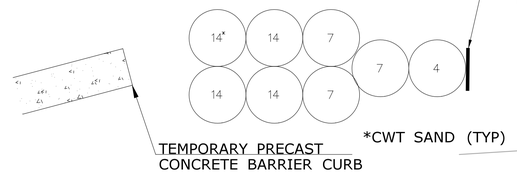
DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 5

PROJECT NO. **131-190**
DRAWING NO. **MPT-14**
SHEET NO.



LATERAL DROP-OFF DETAIL

N.T.S.

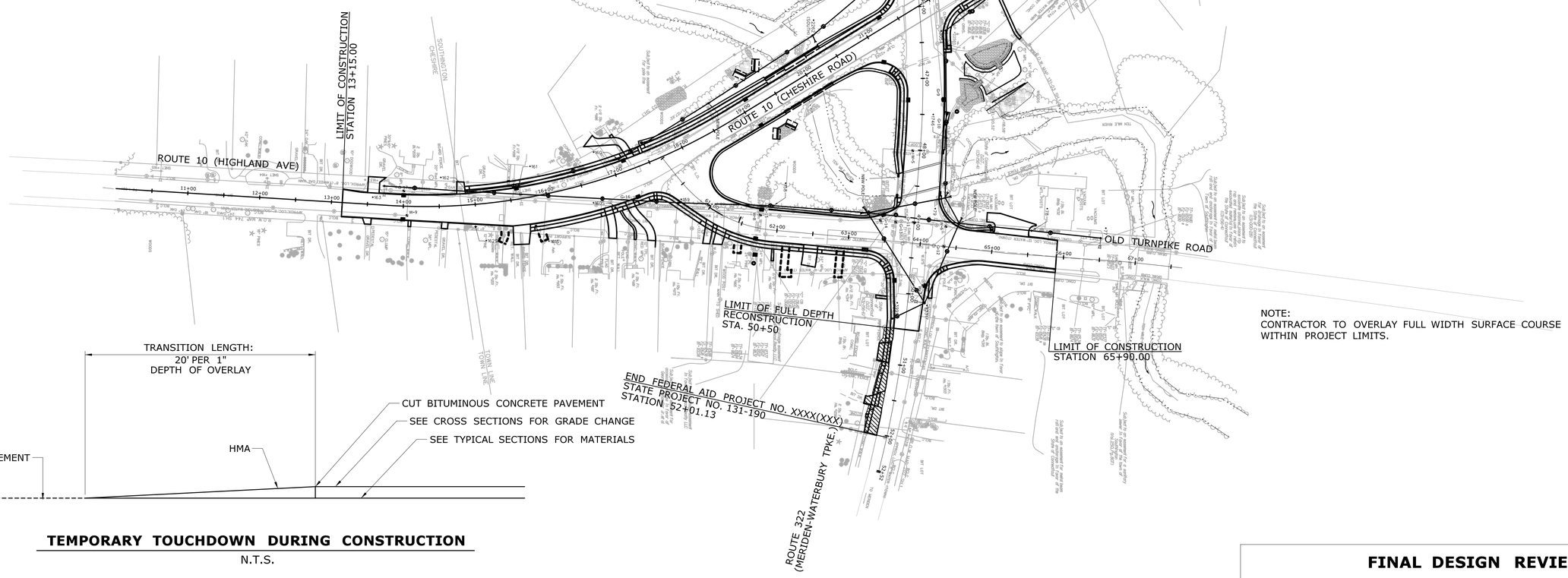


TEMPORARY IMPACT ATTENUATION SYSTEM

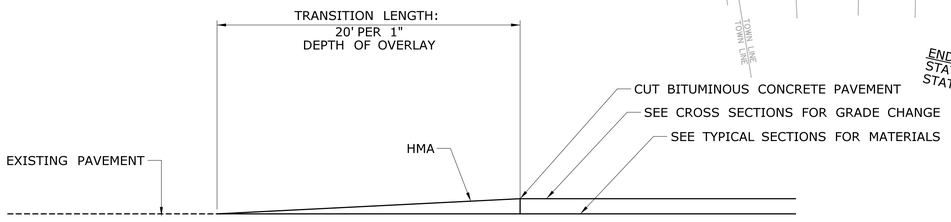
(TYPE A)

N.T.S.

NOTE:
TO BE PAID FOR UNDER THE ITEMS FOR TYPE A IMPACT ATTENUATION MODULE OF THE VARIOUS WEIGHTS SPECIFIED.



NOTE:
CONTRACTOR TO OVERLAY FULL WIDTH SURFACE COURSE WITHIN PROJECT LIMITS.



TEMPORARY TOUCHDOWN DURING CONSTRUCTION

N.T.S.

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/17/2017

DESIGNER/DRAFTER: **J. SKYMBA**

CHECKED BY: **K.SOLOWAY**

SCALE IN FEET 0 80 160

SCALE 1"=80'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_05_MPT-04.dgn

SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC PLAN STAGE 6

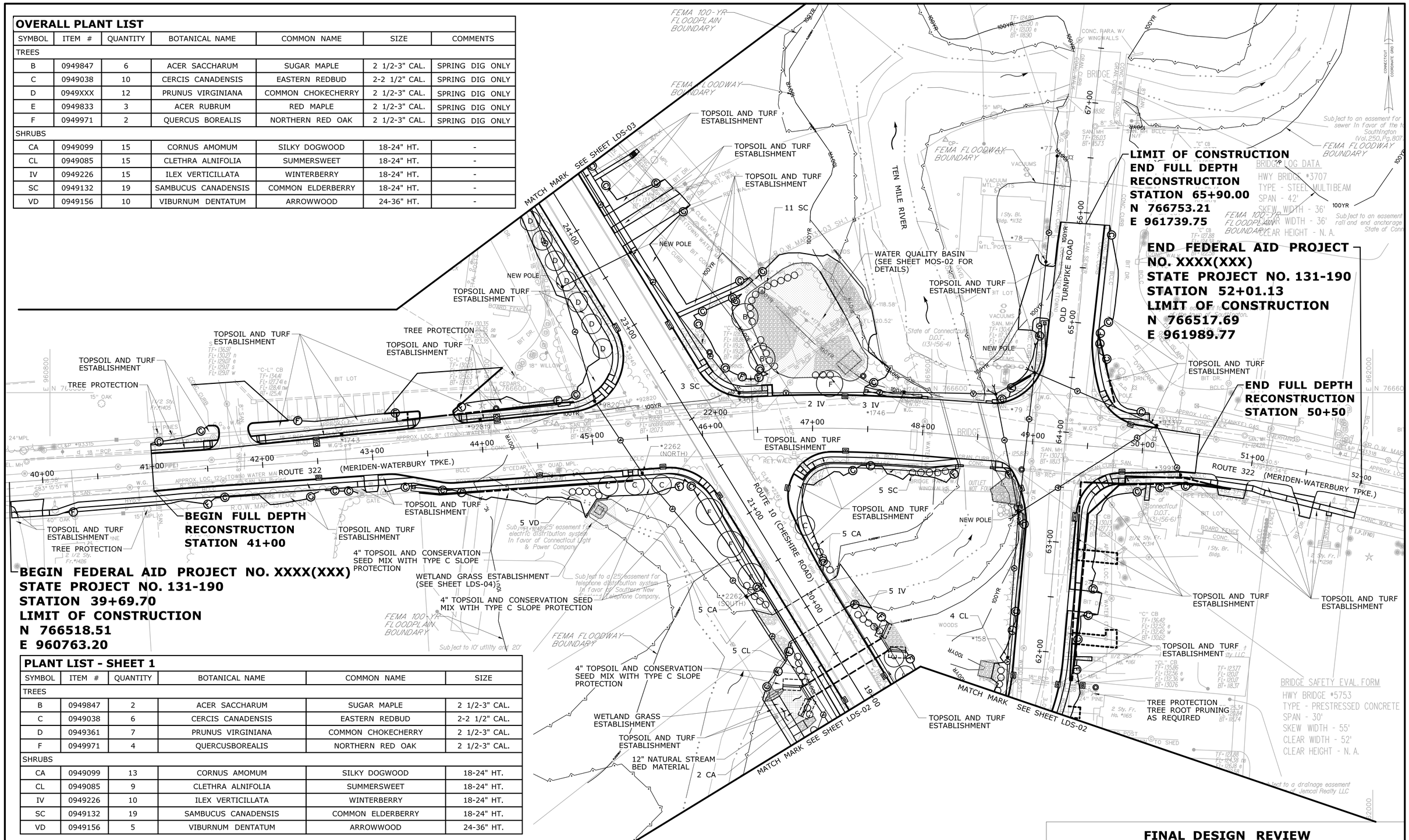
PROJECT NO. **131-190**

DRAWING NO. **MPT-15**

SHEET NO.

OVERALL PLANT LIST

SYMBOL	ITEM #	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES						
B	0949847	6	ACER SACCHARUM	SUGAR MAPLE	2 1/2-3" CAL.	SPRING DIG ONLY
C	0949038	10	CERCIS CANADENSIS	EASTERN REDBUD	2-2 1/2" CAL.	SPRING DIG ONLY
D	0949XXX	12	PRUNUS VIRGINIANA	COMMON CHOKECHERRY	2 1/2-3" CAL.	SPRING DIG ONLY
E	0949833	3	ACER RUBRUM	RED MAPLE	2 1/2-3" CAL.	SPRING DIG ONLY
F	0949971	2	QUERCUS BOREALIS	NORTHERN RED OAK	2 1/2-3" CAL.	SPRING DIG ONLY
SHRUBS						
CA	0949099	15	CORNUS AMOMUM	SILKY DOGWOOD	18-24" HT.	-
CL	0949085	15	CLETHRA ALNIFOLIA	SUMMERSWEET	18-24" HT.	-
IV	0949226	15	ILEX VERTICILLATA	WINTERBERRY	18-24" HT.	-
SC	0949132	19	SAMBUCUS CANADENSIS	COMMON ELDERBERRY	18-24" HT.	-
VD	0949156	10	VIBURNUM DENTATUM	ARROWWOOD	24-36" HT.	-



PLANT LIST - SHEET 1

SYMBOL	ITEM #	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE
TREES					
B	0949847	2	ACER SACCHARUM	SUGAR MAPLE	2 1/2-3" CAL.
C	0949038	6	CERCIS CANADENSIS	EASTERN REDBUD	2-2 1/2" CAL.
D	0949361	7	PRUNUS VIRGINIANA	COMMON CHOKECHERRY	2 1/2-3" CAL.
F	0949971	4	QUERCUSBOREALIS	NORTHERN RED OAK	2 1/2-3" CAL.
SHRUBS					
CA	0949099	13	CORNUS AMOMUM	SILKY DOGWOOD	18-24" HT.
CL	0949085	9	CLETHRA ALNIFOLIA	SUMMERSWEET	18-24" HT.
IV	0949226	10	ILEX VERTICILLATA	WINTERBERRY	18-24" HT.
SC	0949132	19	SAMBUCUS CANADENSIS	COMMON ELDERBERRY	18-24" HT.
VD	0949156	5	VIBURNUM DENTATUM	ARROWWOOD	24-36" HT.

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/8/2017

DESIGNER/DRAFTER: **B.KAEMMERLEN**
CHECKED BY: **K-SOLOWAY**
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_LDS-01.dgn

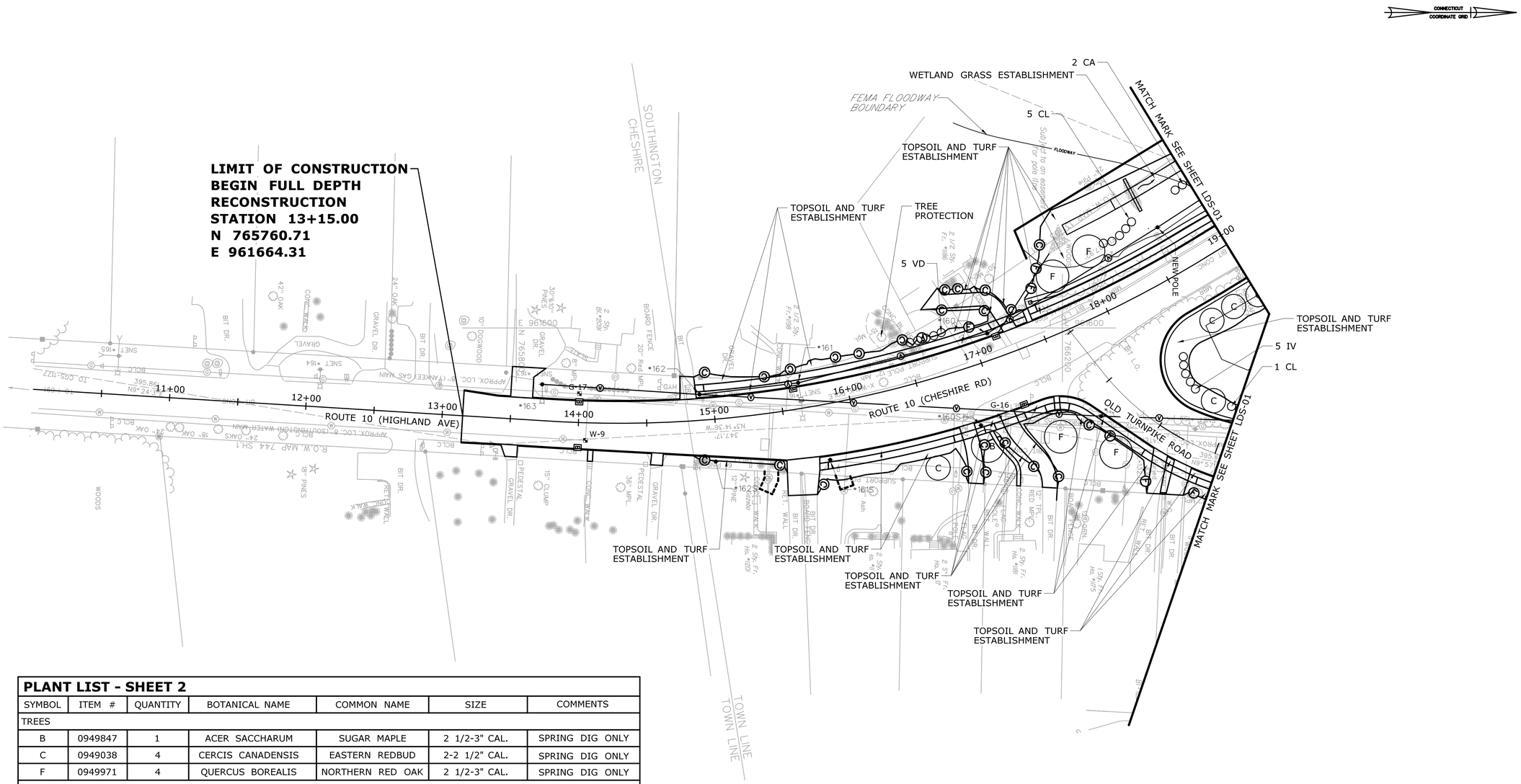
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **LANDSCAPE PLAN**

PROJECT NO. **131-190**
DRAWING NO. **LDS-01**
SHEET NO.



PLANT LIST - SHEET 2

SYMBOL	ITEM #	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES						
B	0949847	1	ACER SACCHARUM	SUGAR MAPLE	2 1/2-3" CAL.	SPRING DIG ONLY
C	0949038	4	CERCIS CANADENSIS	EASTERN REDBUD	2-2 1/2" CAL.	SPRING DIG ONLY
F	0949971	4	QUERCUS BOREALIS	NORTHERN RED OAK	2 1/2-3" CAL.	SPRING DIG ONLY
SHRUBS						
CA	0949099	2	CORNUS AMOMUM	SILKY DOGWOOD	18-24" HT.	-
CL	0949085	6	CLETHRA ALNIFOLIA	SUMMERSWEET	18-24" HT.	-
IV	0949226	5	ILEX VERTICILLATA	WINTERBERRY	18-24" HT.	-
VD	0949156	5	VIBURNUM DENTATUM	ARROWWOOD	24-36" HT.	-

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/8/2017

DESIGNER/DRAFTER: **B.KAEMMERLEN**
CHECKED BY: **K.SOLLOWAY**
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_LDS-01.dgn

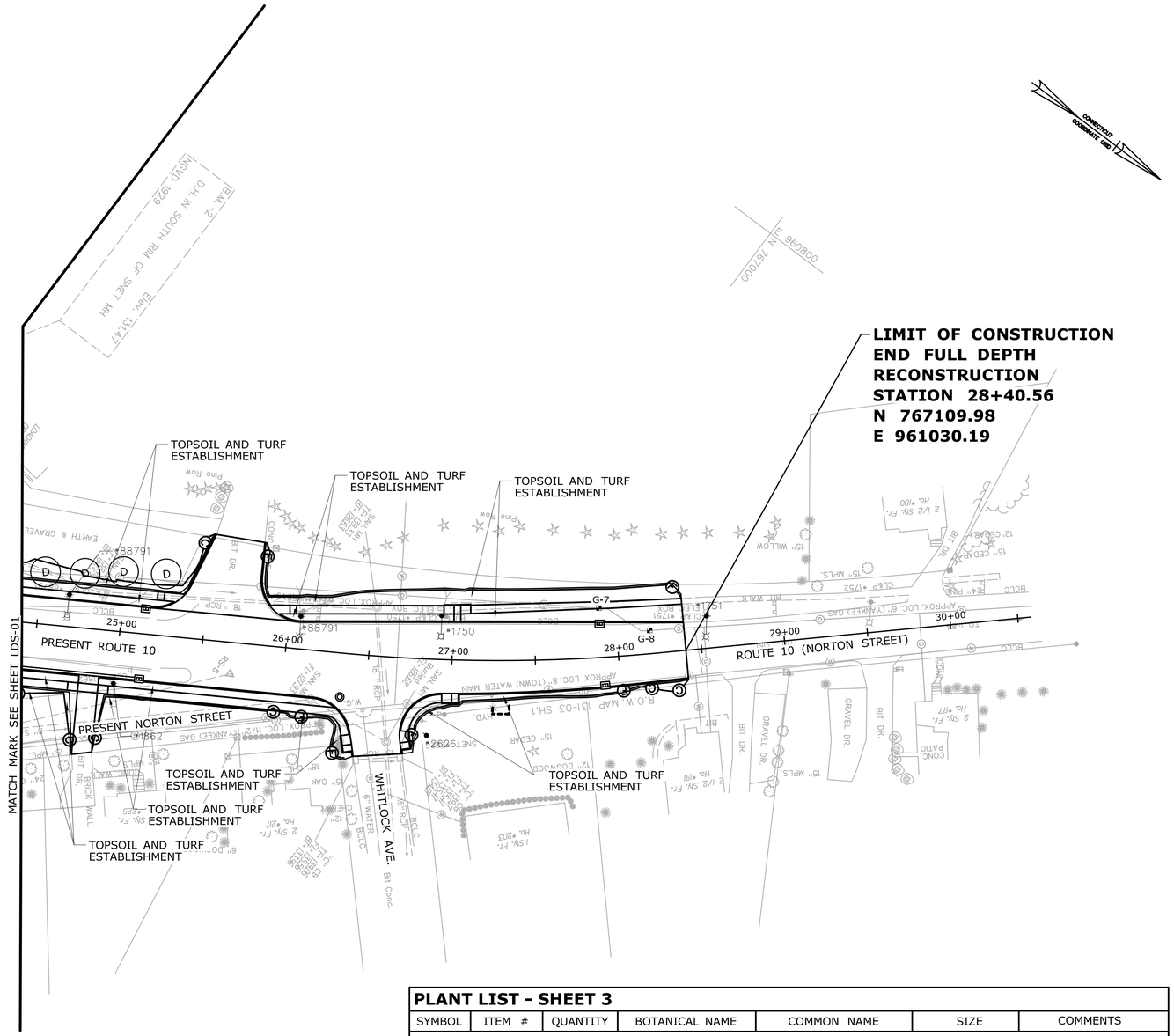
SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **LANDSCAPE PLAN**

PROJECT NO. **131-190**
DRAWING NO. **LDS-02**
SHEET NO.



PLANT LIST - SHEET 3

SYMBOL	ITEM #	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES						
D	0949361	4	PRUNUS VIRGINIANA	COMMON CHOKECHERRY	2 1/2-3" CAL.	SPRING DIG ONLY

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/8/2017

DESIGNER/DRAFTER: **B.KAEMMERLEN**
CHECKED BY: **K.SOLLOWAY**
SCALE IN FEET
0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_LDS-01.dgn

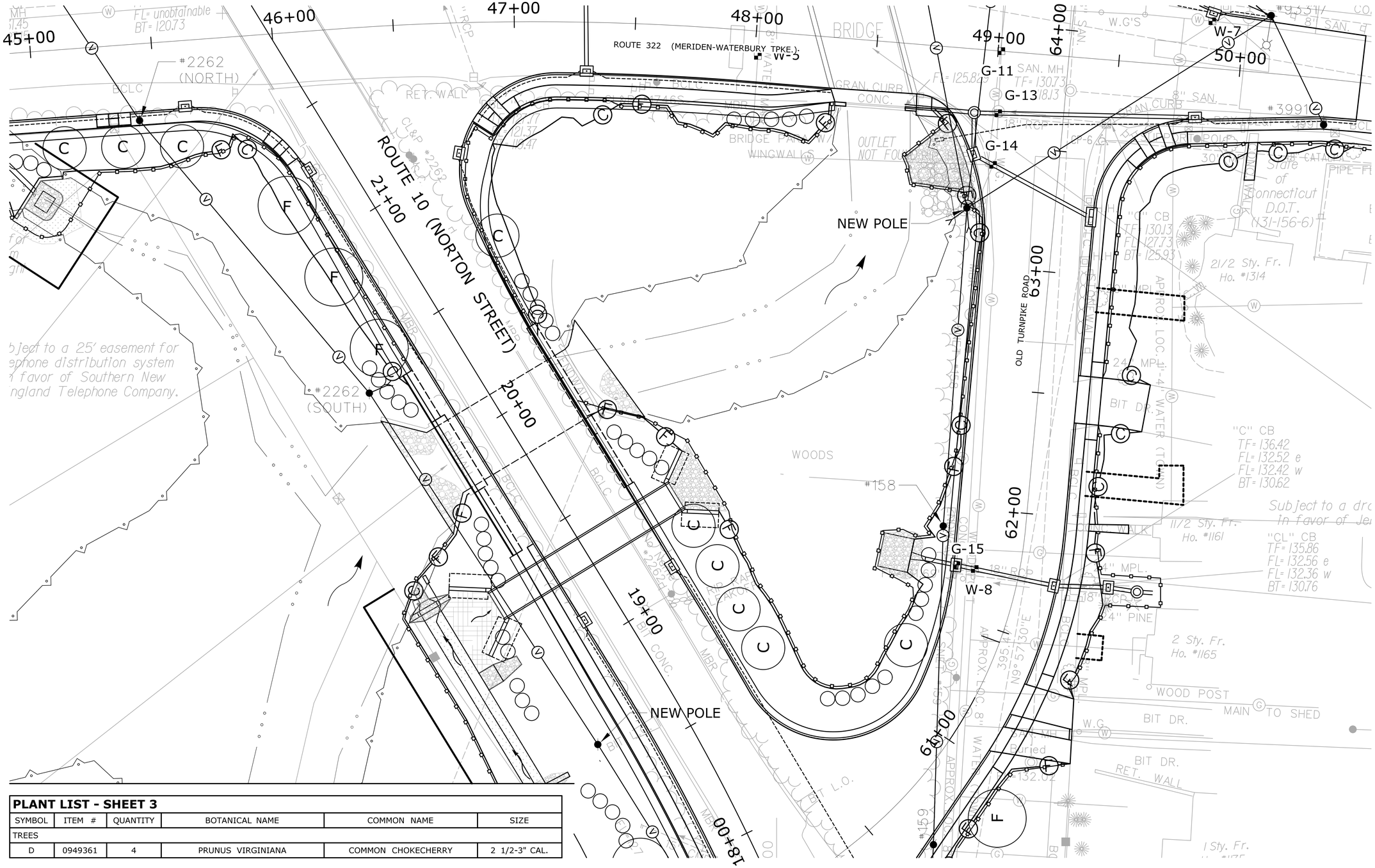
SIGNATURE/
BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **LANDSCAPE PLAN**

PROJECT NO. **131-190**
DRAWING NO. **LDS-03**
SHEET NO.



PLANT LIST - SHEET 3

SYMBOL	ITEM #	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE
TREES					
D	0949361	4	PRUNUS VIRGINIANA	COMMON CHOKECHERRY	2 1/2-3" CAL.

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/8/2017

DESIGNER/DRAFTER: **B.KAEMMERLEN**
CHECKED BY: **K.SOLLOWAY**
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0131_0190_03_LDS-01.dgn

SIGNATURE/ BLOCK:

PROJECT TITLE:
REMOVAL OF BRIDGE No. 00518 & INTERSECTION IMPROVEMENTS ROUTE 10 AND ROUTE 322

TOWN: **SOUTHINGTON**

DRAWING TITLE: **LANDSCAPE PLAN**

PROJECT NO. **131-190**
DRAWING NO. **LDS-04**
SHEET NO.