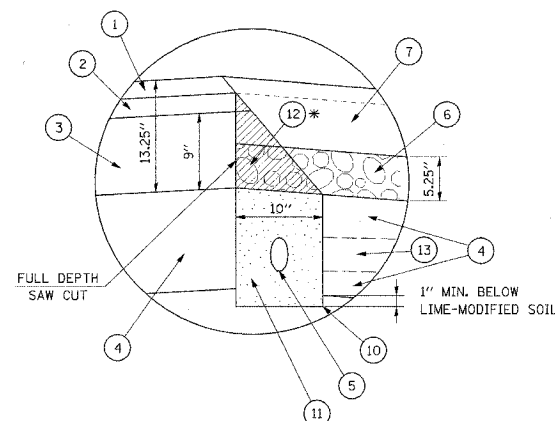


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|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 18 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



PIPE UNDERDRAIN DETAIL

* CONSTRUCT (2) AND (3), SAWCUT AS SHOWN IN DETAIL.
 CONSTRUCT (7) TO TOP OF (2) PRIOR TO PLACING (1).
 CONSTRUCT (1) AND COMPLETE CONSTRUCTION OF (7).

PAVEMENT DESIGN INFORMATION

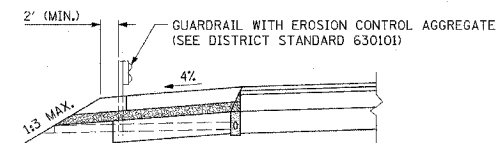
STRUCTURAL DESIGN TRAFFIC: 7000 YEAR: 2018
 PV = 6258 SU = 308 MU = 434
 ROAD/STREET CLASSIFICATION: RURAL CLASS: 1
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 PV = 32% SU = 45% MU = 45%
 TRAFFIC FACTOR: ACTUAL TF = 2.26 AC TYPE = 20
 MINIMUM TF = 4.27
 PG GRADE: BINDER = 64-22 SURFACE = 64-22
 SUBGRADE SUPPORTING RATING:
 SSR = POOR

LEGEND

- (1) POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE MIX D N70 2"
- (2) POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0 N70 2 1/4"
- (3) BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0 N70 9"
- (4) LIME MODIFIED SOIL (12" MIN.)
- (5) PIPE UNDERDRAINS 4"
- (6) SUB-BASE GRANULAR MATERIAL, TYPE C, 5.25"
- (7) BITUMINOUS SHOULDERS SUPERPAVE 8"
- (8) AGGREGATE SHOULDERS, TYPE B 8"
- (9) CONCRETE HEADWALL FOR PIPE DRAIN (PER STD 601101)
- (10) 10" TRENCH FOR PIPE UNDERDRAINS (PER STD 601001) TO BE INSTALLED WITH LASER-GUIDED TRENCHER
- (11) FA-4 OR FM-4 SAND (INCLUDED IN COST OF PIPE UNDERDRAINS 4")
- (12) BITUMINOUS WEDGE TO BE REMOVED PRIOR TO TRENCHING (INCLUDED IN COST OF "PIPE UNDERDRAINS 4")
- (13) PIPE UNDERDRAINS (SPECIAL) 4" (PER ARTICLE 601.04) AT 1% SLOPE
- (14) TOPSOIL FURNISH AND PLACE, 4"

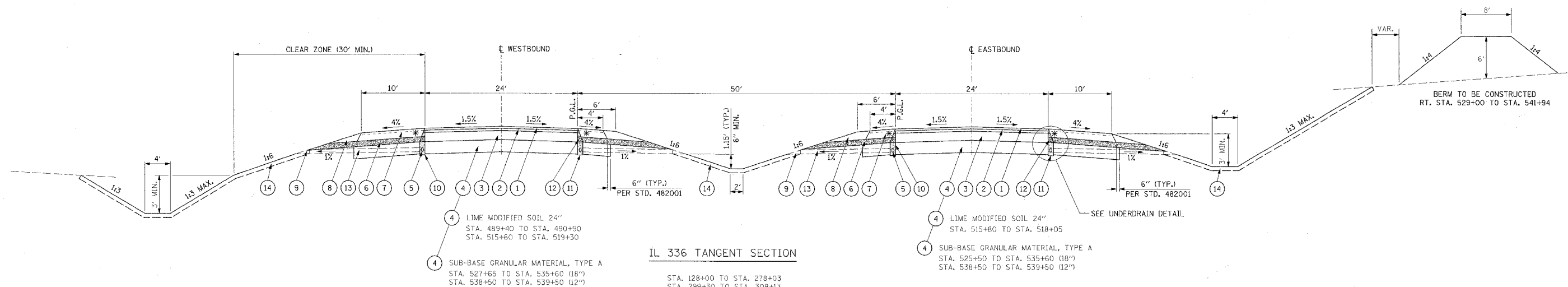
NOTES:

1. SEE JOB SPECIFIC NOTES FOR SUB-BASE GRANULAR MATERIAL, TYPE A USAGE AT LOCAL ROAD INTERSECTIONS.



FILL SECTION

CUT SECTION



IL 336 TANGENT SECTION

STA. 128+00 TO STA. 278+03
 STA. 299+30 TO STA. 308+13
 STA. 324+63 TO STA. 384+96
 STA. 396+67 TO STA. 437+03
 STA. 465+68 TO STA. 478+74
 STA. 506+01 TO STA. 541+57.14 WESTBOUND
 STA. 506+01 TO STA. 546+24.47 EASTBOUND

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 IL ROUTE 336
 TANGENT SECTION

DATE DRAWN BY
 CHECKED BY