



THIS IS A LIST OF NOTE ORDERS PLUS OTHER INFORMATION THAT GO WITH THE ITEMS.

GENERAL INFORMATION:

- Do not combine notes of different items like drainage, curb, & guardrail (guardrail and concrete barrier sometimes can be combined).
- The first time that an item is shown on the plans include the standard drawing number(s) that go with it. When that item is repeated in the plans do not show the standard drawing number(s) again. Some standard drawings have more than one item (example: curbs, mailboxes...), and that standard drawing will be referenced each time a different item is used.
- *Example:* (See drg. no. RD???)
- When a reference to a detail sheet is used with an item, every time that a note for that item is used, the reference to the detail is to be used.
Example: (For details, see sht. ??)
Example when both are present: (For details, see sht. ??)
(See drg. no. RD???)
- For standard drawing, list all applicable at first instance thusly
Example: (See drg. nos. RD500, RD505)
- When an item (i.e. median barrier) is shown on more than one sheet, on the first sheet show what is being done to the item on the complete run plus what is only on that sheet.

EXAMPLE

- 9 Sta. "NB" 137+98 to Sta. "F" 13+92
 Remove extg. conc. median barrier - 412.5' (All sheets)
 Const. conc. median barrier - 412.5' (All sheets)
 Const. terminal, flared (First sheet)
 (See drg. nos. RD500 & RD510)

On the second sheet show what is being done to the item on the complete run plus what is only on that sheet. Do not show quantities for the complete run item just what is on that sheet

EXAMPLE

- 2 See sht. 5A, note 9
 Remove extg. conc. median barrier (All sheets)
 Const. conc. median barrier (All sheets)
 Const. terminal, flared (Second or last sheet)
 (See drg. no. RD510)



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
BARRIER (<i>Cont'd.</i>)	
Sta. "L" 123+45 to Sta. "L" 123+45, Lt. or Rt. Remove extg. conc. median barrier - ?' Const. conc. median barrier - ?' with scuppers left open (As directed) Const. terminal, flared	
Sta. "L" 123+45 to Sta. "L" 123+45, Lt. or Rt. Remove extg. conc. shldr barrier - ?' Const. conc. shldr barrier - ?' Const. terminal, flared	
Sta. "L" 123+45 to Sta. "L" 123+45 Apply epoxy coating to extg. conc. median & extg. conc. shldr. barrier - ?'	
BEACON	
Inst. 2-way flashing beacon (By others)	
BIKEWAY	
Const. bikeway	<i>Normally shown under typical sections with alignments.</i>
BOLLARD	
Inst. bollard - ? (For details, see sht. 2B-?)	
BOX CULVERT	
Const. ?" x ?" R.C.B.C. - ?' (For drg. nos., see sht. 1A)	
BRIDGE	
Structure no. 00000 Const. structure - ?' Rdwy. width ?' with ?' walk, Lt. and reinf. panel at bridge ends (For drg. nos., see sht. 1A)	<i>For new structure. Other construction items are covered by bridge sheets.</i>



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
BRIDGE (Cont'd.)	
Structure no. 00000 Sta. "L" 123+45 to Sta. "L" 123+45 Const. reinf. panel at bridge end - ? (For drg. nos., see sht. 1A)	<i>For existing structure. Show only that there are bridge drawings included.</i>
BUS PAD	
Sta. "L" 123+45 to Sta. "L" 123+45 , Lt. or Rt. Const. plain conc. undowelled pvmt. - ? sq. ft.	
CATTLE GUARD	
Const. cattle guard Const. painted cattle guard (See drg. nos. RD110 & BR175)	
CATTLE PASS	
Const. cattle pass (For details, see sht. 2B-?) (See drg. no. RD110)	
CATV UTILITIES	
Inst. TV cable (By others) Inst. TV cable riser (By others)	
CHANNEL CHANGE	
Const. channel change ?' bottom, 1:?' slopes Gen. exc. - ? cu. yd. (For detais, see sheet. 2B-?)	<i>Or can be shown in earthwork bracket.</i>
CONDUIT	
Inst. ?" culv. pipe - ?" (Conduit) ?' depth	
CONNECTION	
Const. street connection	<i>Street connection stations not needed, if they are shown on the plans. Counted as road approach for quantities.</i>



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
CULVERT PIPE	
Inst. ?" culv. pipe - ?' ?' depth Inst. ?" culv. pipe - ?' (Conduit) ?' depth Inst. safety ends section - ?	
CURB	
Const. curb and gutter Const. low profile mountable curb Const. standard curb Const. mountable curb and gutter - ?" width Const. mountable curb Const. monolithic curb and sidewalk Const. P. C. conc. drainage curb Const. asph. conc. drainage curb Const. curb ending - ? Const. valley gutter Const. curb transition (For details, see sht. 2B-?) (See drg. no. RD700)	<i>Do not show a length for runs of curb. Do not shows curb height in the note; show this on the typical sections.</i>
DETOUR AND ONSITE DEVERSION	
Const. detour structure - ?' Rdwy. width - ?' Const. detour Const. temp. approach Const. temp. conc. barrier Remove detour structure Remove detour Remove temp. approach Remove temp. conc. barrier (For details, see traffic control plans) (For drg. nos., see sht. 1A)	<i>Specification refers to both detour and onsite diversions as detours.</i>
DIKE	
Const. dike	
DITCH (Or irrigation ditch)	
Const. ditch ?' flat bottom, 1:? slopes "V" bottom, 1:? slopes Dt. exc. - ? cu. yd. (For details, see sht. 2B-?)	



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
DRAINAGE (General order of drainage note)	
Sta. "L" 123+45, ?' Lt. or Rt.	<i>Provide the offset distance for manholes, if required.</i>
Sta. "L" 123+45, Lt. or Rt.	<i>For inlets, because they are usually adjacent to the curb, when not provide the offset distance.</i>
Remove manhole	
Abandon manhole	<i>Provide additional F.L. elevation and rim elevation in the construction note for clarity items not shown on profile.</i>
Const. manhole	
Const. manhole with inlet	
Const. manhole ?" dia.	
Const. manhole ?" dia. with inlet	
Const. diversion manhole	
Const. shallow manhole	
Const. water quality manhole	<i>Manhole type to match bid item.</i>
Major adjust manhole	
Minor adjust manhole	
Remove inlet	<i>Open grade HMAC may require additional details.</i>
Abandon inlet	
Adjust inlet	
Cap inlet	
Const. type "?" inlet	
Const. precast basin, ?' deep	
Connect to extg. storm sew. pipe	
Connect to extg. inlet	<i>Or san. sew. pipe as required.</i>
Connect to extg. manhole	
Const. sump	
Adjust sump	
Remove pipe - ?'	
?" culv. pipe - ?' (In pl.)	
Remove end section, Lt. or Rt.	
Remove - ?' Lt.	
- ?' Rt.	
Extend - ?' Lt., ?' depth	<i>List smallest diameter first, in kind.</i>
- ?' Rt., ?' depth	<i>Include all pipes flowing into a M.H. or inlet in one note.</i>
Inst. ?" drain pipe - ?'	
?' depth	
Inst. 12" culv. pipe - ?'	<i>Depths are listed to maximum depth to flow line.</i>
?' depth	<i>5 feet</i>
Inst. 18" culv. pipe - ?'	<i>10 feet</i>
?' depth	<i>20 feet or</i>
Inst. 4" culv. pipe - ?' (Conduit)	<i>over 20 feet</i>
?' depth	
Inst. 12" storm sew. pipe - ?'	
?' depth	<i>Or san. sew. pipe as required.</i>



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
<i>DRAINAGE</i> (Cont'd.)	
<p>Inst. 18" storm sew. pipe - ?' ?' depth Inst. 6" irrigation pipe - ?' ?' depth Inst. 12" siphon pipe - ?' ?' depth Inst. surface drain pipe Inst. safety end section - ? Inst. lateral section with cleanout gate Inst. 3 piece ? ° elbow - ? Inst. slip joint Inst. slope anchor Const. longitudinal edge drain Const. longitudinal edge drain outlet to inlet Const. slope end Const. subgrade cutoff drain Const. paved end slope, Lt. & Rt. Const. loose riprap (Class ?) - ? cu. yd. Drainage geotextile type "?" Filter blanket - ? cu. yd. Gravel drain matl. - ? cu. yd. Trench resurf. - ? sq. yd. Granular backfill matl. - ? cu. yd. Bedding matl. - ? cu. yd. Tr. exc. - ? cu. yd. (For details, see sht. 2B-?) (See drg. nos. RD300, RD?)</p>	<p><i>Or san. sew. pipe as required.</i></p> <p><i>See general information for RD300 series.</i></p>
<i>MISCELLANEOUS DRAINAGE NOTES</i>	
<p>Adjust extg. inlet & modify for open grade wearing surface drain - ? (See drg. no. RD314)</p>	
<p>Sta. "L" 123+45, Rt. ?" CMP (In pl.) Saw cut pipe end to match embankment slope Const. loose riprap (Class ?) - ? cu. yd. As directed</p>	
<p>Sta. "L" 123+45, Rt. Inlet (In pl., ?' deep) Adjust conc. inlet, raise ?" Extra aggr. shldr. rock around inlet - ? cu. yd. (For details, see sht. 2B-?)</p>	



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
FENCE (<i>Cont'd.</i>)	
Const. temp. pedestrian fence Remove temp. pedestrian fence	<i>Contractor chooses.</i>
Const. temp. orange plastic mesh delineation fence Remove temp. orange plastic mesh delineation fence	<i>Designer chooses.</i>
FIRE HYDRANT	
Sta. "L" 123+45, Lt. Inst. fire hydrant (By others) Relocate fire hydrant (By others)	<i>May require offset and grade data.</i>
FRONTAGE ROAD	
Const. frontage road	<i>Frontage road stations not needed if they are shown on the typical sections.</i>
GATE	
Sta. "L" 123+45, Lt. Inst. '?' gate Inst. '?' locked gate Inst. '?' gateway (See drg. nos. RD810 & RD820)	
GEOTEXTILE	
Drainage geotextile type "?" - ? sq. yd. Embankment geotextile - ? sq. yd. Riprap geotextile type "?" - ? sq. yd. Wall geotextile - ? sq. yd. Subgrade geotextile - ? sq. yd. Pavement overlay geotextile - ? sq. yd.	<i>Geotextile generally is included in other notes. These are examples of both stand alone and inserted text format.</i>
GUARDRAIL	
Sta. "L" 123+45 to Sta. "L" 123+45, Lt. Remove extg. metal median barrier - ? Remove extg. guardrail - ? Adjust extg. guardrail - ? (As directed) Const. cable guardrail system - ? Const. metal median barrier - ? Const. guardrail - ? (Type 2A) Const. guardrail - ? (Type 2A) Const. guardrail - ? (Type 3) Extra for ? guardrail posts - ? Extra for steel guardrail posts - ?	<i>Show radius on plan sheet, where appropriate.</i>



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
GUARDRAIL (<i>Cont'd.</i>)	
Const. guardrail transition Const. anchor - ? (Type 1) Inst. end piece - ? (Type B) Const. guardrail terminal, flared - ? Test level - ? Const. guardrail terminal, non-flared - ? Test level - ? Const. guardrail to bridge transition - ? (For details, see sht. 2B-?) (See drg. nos. RD400 & RD???)	Do not show a quantity if only 1. Do not show a quantity if only 1. See general information for RD400 series.
<i>Separate adjust and const. into two different note numbers.</i>	
See sht. ?, note ? Remove extg. guardrail Const. guardrail Const. guardrail to conc. bridge rail	<i>Use this note on the complete run plus what is only on that sheet (see general information).</i>
GUARDRAIL AND CONCRETE BARRIER	
Sta. "L" 123+450 to Sta. "L" 123+45, Rt. Sta. "L" 123+450 to Sta. "L" 123+45, Lt. Remove extg. guardrail - ? Const. conc. shldr. barrier - ? Const. guardrail - ? (Type 2A) Const. guardrail - ? (Type 3) W=?, E=? Const. barrier to guardrail connection - ? Const. guardrail terminal, flared - ? Test level - ? Const. guardrail terminal, non-flared - ? Test level - ? (See drg. no. RD530)	These notes are generally included in other notes. These are examples of both standard alone and inserted text format. W value is for guardrail only.
HANDRAIL	
Sta. "L" 123+45 to Sta. "L" 123+45 Const. pedestrian rail (For details, see sht. 2B-?)	
IMPACT ATTENUATOR	
Const. impact attenuator (For details, see sht. 2B-?)	




Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
<p>INLET <i>(See drainage notes example.)</i></p>	
<p>ISLAND & TRAFFIC SEPARATOR</p>	
<p>Const. type "A" conc. island Const. type "C" conc. island Const. type "CA" conc. Island (Lowered island design) (Cut through design) (See drg. nos. RD705 & RD710) Const. type "A" traffic separator Const. type "B" traffic separator Const. type "C" traffic separator (See drg. no. RD706)</p>	<p><i>Indicate "(Mountable)" or "(Non-Mountable)".</i> <i>Indicate "(Mountable)" or "(Non-Mountable)".</i> <i>Indicate "(Mountable)" or "(Non-Mountable)".</i></p>
<p>IRRIGATION DITCH <i>(See ditch note example.)</i></p>	
<p>MAILBOX</p>	
<p>Inst. single mailbox support - ? Const. conc. collar (See drg. nos. RD100 & RD101)</p> <p>Inst. multiple mailbox support - ? Const. conc. collar - ? Const. mailbox service turnout - ?</p>	<p><i>These notes may be combined if all information is the same.</i></p>
<p>MAILBOX INSTALLATION * When locations are not known</p>	
<p>Inst. single mailbox support - ? Inst. multiple mailbox support - ? Const. mailbox service turnout - ? (Location as directed) (See drg. nos. RD100 & RD101)</p>	<p><i>*Note to be placed on sheet 3 of plans.</i></p>
<p>MANHOLE <i>(See drainage notes example.)</i></p>	
<p>PAVEMENT REPAIR</p>	
<p>P.C. conc. pvmt. repair - ? sq. ft. (For details, see sht. 2B-?) Const. full depth conc. pvmt. repair, shown thus: (For details, see sht. 2B-?)</p>	<p><i>Show area pattern for item.</i></p>



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
RAILROAD	
Const. R.R. crossing (By others) Const. shoofly (By others)	
RANDOM	
Const. random fill - ? cu. yd.	
REMOVAL (These notes are used for removal not part of general excavation area)	
Remove curb Remove sidewalk, shown thus: Remove curb & sidewalk, shown thus: Remove pvmt., shown thus: Remove building, shown thus: Remove wall	Place hatching used for item. Place hatching used for item. Place hatching used for item. Place symbol 
RETAINING WALL	
Structure no. 0000 Sta. "L" 123+45 to Sta. "L" 123+45, Rt. Const. retaining wall (For drg. nos., see sht. 1A)	
RIPRAP	
Const. loose riprap (Class ?) - ? cu. yd.	
ROADSIDE DEVELOPMENT (See Roadside Development Plans.)	
RUMBLE STRIPS	
Sta. "L" 123+45 to Sta. "L" 123+45 Const. continuous rumble strips - ? (For details, see shts. 2B-? & 2B-?)	
SEWER PIPE (Combination in drainage note.)	



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
SIDEWALK	
<p>Const. P.C. conc. (Or asph. conc.) sidewalk Setback - ?' Sidewalk scoring (If needed) Const. sidewalk ramp (Option A-I) (For details, see sht. 2B-?) (See drg. no. RD725)</p> <p>Const. stairway (See drg. No. RD120)</p>	<p><i>Surface treatment if applicable.</i></p> <p><i>See general information for RD700 series..</i></p>
SIDEWALK RAMP	
<p>Const. (Type ?) sidewalk ramp (Option type) Const. (Type ?) sidewalk ramp (Modified) (For details, see sht. 2B-?) (See drg. Nos. RD755 & RD760)</p>	<p><i>State type listed in standard drawings with enough detail to describe, may require label on plan view.</i> <i>Provide details as needed.</i></p>
SIGN SUPPORT	
<p>Const. sign support & footing (For drg. nos., see sht. 1A)</p> <p>Sta. "L" 123+45, Lt. or Rt. Remove cantilever Const. cantilever (For drg. nos., see sht. 1A)</p>	<p><i>See bridge sheets or Traffic Control Plans.</i></p>
SIPHON & SIPHON BOX	
<p>Const. siphon box Inst. ?" siphon pipe - ?' ?" depth (See drg. no. RD376)</p>	
SNOW FENCE	
<p>Const. snow fence Const. portable snow fence ?" depth (See drg. no. RD825)</p>	



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
SOUND WALL	
Structure no. 0000 Sta. "L" 123+45 to Sta. "L" 123+45, Rt. Const. sound wall (For drg. nos., see sht. 1A)	
SUBSURFACE DRAIN PIPE (Combination in drainage note.)	
SUMP (Combination in drainage note.)	
TELEPHONE Utility work generally not shown on construction plan. Work typically completed prior to construction of highway.	
TEMP. CONNECTION	
Const. temp. connection Remove extg. temp. connection (For details, see typical sections)	
TRAFFIC SIGNAL	
Inst. traffic signal (For drg. nos., see sht. 1A)	
WATER	
Inst. ?" water line - ?" ?" depth Adjust water valve Adjust water meter Relocate water valve Relocate water meter Adjust water manhole Adjust water vault (See drg. nos. RD250, RD??? & RD300, RD???)	Normally by others. See general information for RD200 series & RD300 series.
WATER QUALITY	
Const. water quality system (For drg. nos., see sht. 1A)	Under "GH" series sheets.



Appendix "F" - Note Composition

NOTES EXAMPLE	REMARKS
WATER QUALITY SWALE	
Const. bio-swale Exc. - ? cu. yd. (For details, see sht. 2B-?)	
WEARING SURFACE DRAIN	
Const. open grade HMAC wearing surface drain outlet (For details, see sht. 2B?) (See drg. no. RD314)	
WETLANDS	
Const. wetlands (For details, see shts. G?1, G?2, ...)	<i>Under "GH" series sheets.</i>